



*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
(Vikhare-Gothane) Tal: Rajapur, Dist: Ratnagiri, 416 702(MH)**

*Affiliated to University of Mumbai, Mumbai*

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

## **ANNUAL QUALITY ASSURANCE REPORT (AQAR) (2022-2023)**

### **CRITERION I CURRICULAR ASPECTS**

#### **1.1 - Curricular Planning and Implementation**



#### **1.1.1**

**The Institution ensures effective curriculum delivery through a well planned and documented process**



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## Metric 1.1.1

### LIST OF SUPPORTING DOCUMENTS

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## Metric 1.1.1

### SUPPORTING DOCUMENTS

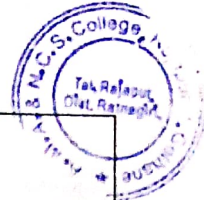
**Academic Calendar Containing CIE**



**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce Science College, Rajapur**  
**Academic Calendar 2022-23**

Sr. No.	Month of Event	Event Calendar
<b>First Term ( 13<sup>th</sup> June 2022 to 22<sup>nd</sup> October 2022)</b>		
1	June 2022	<ul style="list-style-type: none"><li>• Meetings of the Staff for the Semester Plan</li><li>• Formation of statutory / coordination / standing / steering /college committees</li><li>• Departmental meeting for syllabus distribution</li><li>• Plan of Continuous Internal Evaluation (CIE) by all Departments</li><li>• Submission of syllabus planning to HOD and Principal</li><li>• Admissions of F.Y. Classes</li><li>• IQAC Meeting</li><li>• Chhatrapati Shahu Maharaj Jayanti</li></ul>
2	July 2022	<ul style="list-style-type: none"><li>• Inaugural function of the Literary Association</li><li>• Inaugural Function of the Commerce Association</li><li>• Inaugural Function of the Science Association</li><li>• Inaugural Function of the Staff Academy</li><li>• Meeting of the N.S.S. Committee</li><li>• Welcome function of Fresher's by all Departments</li><li>• Sports Planning</li><li>• Enrollment of N.S.S. student</li><li>• Preparation for Youth Festival</li><li>• Lokmanya Tilak Jayanti</li><li>• Submission of the AQAR 2021-22</li></ul>
3	August 2022	<ul style="list-style-type: none"><li>• Organisation of Class Test for Semester – V</li><li>• Meeting of College Development Committee</li><li>• Handwriting Competition by Department of Marathi</li><li>• Inaugural Function of Competitive Examination Centre</li><li>• Guest Lecture by the Commerce Association</li><li>• Guest Lecture by the Vivek Vahini</li><li>• Guest Lecture by the Ladies Welfare Committee</li><li>• Guest Lecture by the Placement Cell</li><li>• Guest Lecture by the Health Centre</li><li>• Guest Lecture by the Staff Academy</li><li>• Guest lecture by the Gymkhana Committee</li><li>• Guest lecture by the N.S.S</li><li>• Home assignment No. 1 for Semester 1, III and V</li><li>• Student seminar by all Departments</li><li>• Meeting of Alumni Association</li><li>• Celebration of Independence Day</li></ul>





4	September 2022	<ul style="list-style-type: none"><li>• Student seminar by all Departments</li><li>• Guest lecture by Staff Academy</li><li>• Guest lecture by the Ladies Welfare Committee</li><li>• Guest lecture by the Science Association</li><li>• Guest lecture by the Competitive Examination Center</li><li>• Essay Competition by the Art Circle</li><li>• Celebration of Teachers Day</li><li>• Celebrations of Karmveer Bhaurao Patil Jayanti</li><li>• Celebration of N.S.S. Day</li><li>• Celebration of Hindi Diwas by Department of Hindi</li><li>• Meeting of Examination Committee</li><li>• Organization of Health Check Up Camp</li><li>• Organisation of Class Test for Semester I, III and V</li><li>•</li></ul>
5	October 2022	<ul style="list-style-type: none"><li>• IQAC Meeting</li><li>• Meeting on Semester I,III and V examinations by the Examination Committee</li><li>• Semester I and III Examination by the Examination Committee</li><li>• Celebration of Mahatma Gandhi Jayanti</li><li>• Group Discussion by various Departments</li><li>• Workshop by the IQAC</li><li>• Organization of University Examination of T.Y. B. A, B. Com. , B. Sc. and M.Com.</li><li>• Term End Meeting</li></ul>
<b>Second Term ( 7<sup>th</sup> November 2022 to 1<sup>st</sup> May 2023)</b>		
6	November 2022	<ul style="list-style-type: none"><li>• Meetings of the Staff for the Semester Plan</li><li>• Guest lecture by all Departments</li><li>• Webinar by the Commerce Association</li><li>• Guest lecture by the Art Circle</li><li>• Guest lecture by the Competitive Examination Center</li><li>• Student seminar by all Departments</li><li>• Meeting of Alumni Association</li><li>• Career Guidance Lecture by the Placement Cell</li><li>• Mahatma Jyotiba Phule Punyatithi</li><li>• Departmental Meeting for Syllabus Planning for Semester II, IV and VI</li></ul>
7	December 2022	<ul style="list-style-type: none"><li>• Guest Lecture by the Staff Academy</li><li>• Competitions by Ladies Welfare Committee</li><li>• Study Tour by the Department of Geography</li><li>• Students' Parents Meeting by all Departments</li><li>• IQAC Meeting</li><li>• Books Exhibition by Library</li><li>• Meeting of Annual Sports Planning of Gymkhana Committee</li><li>• Organisation of Class tests for Semester VI by the Examination Committee</li><li>• AIDS Day Rally by N.S.S.</li></ul>



		<ul style="list-style-type: none"><li>• Dr.Babasaheb Ambedkar Punyatithi</li></ul>
8	January 2023	<ul style="list-style-type: none"><li>• Expert lecture series by all Departments</li><li>• Publication of Wallpapers</li><li>• Celebration of Geography Day</li><li>• Submission of Assignment of Semester II and IV</li><li>• Guest lecture by the Staff Academy</li><li>• Guest lecture by the Vivek Vahani</li><li>• Celebration of Republic Day</li><li>• Orgnisation of Annual Sports</li><li>• Mahatma Gandhi Punyatithi</li><li>• Declaration of Semester I and III Results.</li></ul>
9	February 2023	<ul style="list-style-type: none"><li>• Orgnisation of Annual Cultural Days</li><li>• Orgnisation of Annual Cultural Programme</li><li>• Meeting of the Examination Committee</li><li>• Guest lecture by the Staff Academy</li><li>• Campus Interviews by the Placement Cell</li><li>• Celebration of Chhatrapati Shivaji Maharaj Jayanti</li><li>• Celebration of the Science Day</li><li>• Blood Donation Camp by the N.S.S.</li><li>• Annual Prize Distribution Ceremony</li></ul>
10	March 2023	<ul style="list-style-type: none"><li>• Celebration of International Women's Day</li><li>• Savitribai Phule Punyatithi</li><li>• Lecture by the Staff Academy</li><li>• Semester II and IV Examination by the Examination Committee</li><li>• Organization of University Examination of T.Y. B. A, B. Com. , B. Sc. and M.Com.</li></ul>
11	April 2023	<ul style="list-style-type: none"><li>• Celebration of Dr. B.R. Ambedkar Jayanti</li><li>• Laxmibai Bhaurao Patil Punyatithi</li><li>• IQAC Meeting</li><li>• Collection of record for the AQAR 2022-23</li><li>• Celebration of Mahatma Phule Jayanti</li><li>• Organization of the additional Examination by the Examination Committee</li></ul>
12	May 2023	<ul style="list-style-type: none"><li>• Term End Meeting</li><li>• Celebration of Maharashtra Din</li><li>• Dr Karmaveer Bhaurao Patil Punyatithi</li><li>• Declaration of Semester II and IV Results.</li><li>• Admission for S.Y. and T.Y. Classes</li></ul>

*Jeeva*  
Principal

A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.



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## Metric 1.1.1

### SUPPORTING DOCUMENTS

**Lecture Time Tables**



Rayat Shikshan Sanstha's  
**Abasaheb Marathe Arts & New Commerce, Science College Rajapur Dist. Ratnagiri.**  
**Time Table Arts Faculty (2022-2023)**

Day	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
	F.Y.B.A.	S.Y.B.A.	F.Y.B.A.	S.Y.B.A.	F.Y.B.A.	S.Y.B.A.	F.Y.B.A.	S.Y.B.A.	F.Y.B.A.	S.Y.B.A.	F.Y.B.A.	S.Y.B.A.
8:30am to 9:20am	Mara/Hind (Comp.) (srm/hsp)	FC (arp)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/gsh/pjh/stn)	Geo/Hind /Poli (pjh/vdd /stm)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/ggp/ sin)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/ggp/ sin)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/ggp/ sin)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/ggp/ sin)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/ggp/ sin)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/ggp/ sin)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/ggp/ sin)	Mara/Hind/ Eco/Geo/ Poli (rsb/vdd/ggp/ sin)
9:20am to 10:10am	Hist/ Mara (opt.) (arc/rsb)	Adv (vdd)	Mara/Hind/ Eco/Geo/ Poli (srm/aks/ nars/gdh/arp)	Eco/Eng /Psy (nars/asm /yk)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)
10:10am to 10:20am												
10:20am to 11:10am	CS (mds)	Hist/ Mara (arp/rsb)	Mara/Hind/ Eco/Geo/ Poli (srm/aks/ nars/pjh/ asm)	Hist/ Mara (arc/rsb)	FC (rsb)	Geo/Hind / Poli (pjh/aks/ sin)	Hist/ Mara (opt.) (arc/rsb)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)
11:10am to 12:00pm	Eco/Eng /Psy (nars/asm /yk)	Geo/Hind /Poli (gdh/hsp /stm)	Geo/Eng (pjh/mds)	Eco/Eng /Psy (ggp/asm /yk)	Mara/Hind (Comp.) (srm/hsp)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)
12:00pm to 12:50pm												
12:50pm to 1:40pm												

**Short Recess**

10:20am to 11:10am	CS (mds)	Hist/ Mara (arc/rsb)	Mara/Hind/ Eco/Geo/ Poli (srm/aks/ nars/pjh/ asm)	Hist/ Mara (arc/rsb)	FC (rsb)	Geo/Hind / Poli (pjh/aks/ sin)	Hist/ Mara (opt.) (arc/rsb)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)
11:10am to 12:00pm	Eco/Eng /Psy (nars/asm /yk)	Geo/Hind /Poli (gdh/hsp /stm)	Geo/Eng (pjh/mds)	Eco/Eng /Psy (ggp/asm /yk)	Mara/Hind (Comp.) (srm/hsp)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)	Mara/Hind/ Eco/Geo/ Poli (srm/asp/ rsh)
12:00pm to 12:50pm												
12:50pm to 1:40pm												

Teachers:

- 1. Marathi: Dr.S.R.Mestri (srm), Dr.R.S.Bawale (rsb) 2. Hindi: Mr. V.D.Deoker (vdd), Mr.H.S.Pawar (hsp), Mr. A. K. Shewade (aks), Mr. P. D. Baviskar (pbd) 3. English: Mr.A.S.Mali (asm), Ms. M. D. Suryavanshi (mds)
- 4. Political Science: Mr.S.T.Nhavelkar (stm) 5. Geography: Dr.G.D.Harale (gdh), Dr.P.J.Hajare (pjh) 6. History: Mr.A.R.Chavan (arc), Mr.A.R.Pokharkar (arp), Mr.A.R.Pokharkar (arp), Miss.N.A.R.Solkar (nars), Mr.G.G.Pawar (ggp), Miss.G.S.Hake (gsh)
- 7. Psychology: Mr.Y.K.Kulkarni (ykk)

*(Signature)*  
 Arts Faculty Incharge  
 (Dr. Mestri S. R.)

Time Table Committee Chairman  
 (Mr. Karade G. R.)

*(Signature)*  
 I/c Principal  
 A.M.A.&N.C.S.College  
 Rajapur,(V.Gothne)Dist.Ratnagiri.

**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College Rajapur, Dist: Ratnagiri**  
**Faculty of Commerce**  
**Time Table 2022-2023**

DAYS	MON			TUE			WED			THU			FRI			SAT		
	F.Y. B.COM	S.Y. B.COM	T.Y. B.COM	F.Y. B.COM	S.Y. B.COM	T.Y. B.COM	F.Y. B.COM	S.Y. B.COM	T.Y. B.COM	F.Y. B.COM	S.Y. B.COM	T.Y. B.COM	F.Y. B.COM	S.Y. B.COM	T.Y. B.COM	F.Y. B.COM	S.Y. B.COM	T.Y. B.COM
08.30am - 09.20am	BC MDS	A/C- AVB	EMK- SKB	BC- MDS	BLAW MIAK	LWP SKB	BC- MDS	BLAW MIAK	Cost A/C AVB	BC- ASM	A/C- AVB	LWP- SKB	BD AVB	A/C- AVB	F.C. GSH	Fin. A/C- MIAK		
09.20am - 10.10am	A/C SKB	BECO- GGP	Cost A/C AVB	A/C SKB	Mgt. A/C AVB	BECO- GSH	F.C. ASM	BECO- GGP	BECO- GSH	F.C. ASM	MHRM- AVB	MHRM- AVB	MHRM- AVB	BLAW MIAK	PMF AVB	BECO- NAS	A/C- AVB	BECO- GSH
10.10am to 10.20am	<b>Short Recess</b>																	
10.20am - 11.10am	MATHS GRK	ADV- ASM	Fin. A/C MAK	MATHS GRK	F.C. GSH	Cost A/C AVB	BECO NAS	BLAW MIAK-	Cost A/C AVB	EVS- PJH	Mgt. A/C AVB	BECO- GSH	BD- AVB	ADV- ASM	LWP- SKB	MATHS GRK	ADV- ASM	EMK- MAK
11.10am - 12.00pm	A/C SKB	F.C. GSH	MHRM- AVB	EVS- GDH	PMF- AVB	Fin. A/C MAK	F.C. - ASM	PMF- AVB		BECO- NAS	Mgt. A/C AVB		BECO NAS	PMF AVB		MATHS GRK		
12.00pm - 12.50pm	F.C. ASM						MATHS GRK											

Teachers: Dr. A. V. Bhavne (AVB), Ms. S. K. Barge (SKB), Ms. M. A. Kamat (AMK), Dr. G. D. Harale (GDH), Dr. P. J. Hajare (PJH), Mr. G. G. Pawar (GGP), Ms. N. A. R. Solkar (NAS), Ms. G. S. Hake (GSH),  
 Mr. G. R. Karade (GRK), Mr. A. S. Mali (ASM).  
 Lecture Classroom No.: 1) F.Y.B.Com.- Classroom No. 116, 2) S. Y. B. Com.- Classroom No. 115, 3) T. Y. B. Com. Classroom No.- 114

*(Signature)*

Time Table Committee Chairman  
 (Mr. Karade G. R.)



Commerce Faculty Incharge  
 (Dr. Bhavne A. V.)

*(Signature)*  
 I/C Principal  
 A.M.A.&N.C.S.College  
 Rajapur, (V. Gothane) Dist. Ratnagiri.



**Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.  
Faculty of Science  
Time Table (2022-2023)**

Day	Monday			Tuesday			Wednesday			Thursday			Friday			Saturday			
	F.Y.B.Sc	S.Y.B.Sc	T.Y.B.Sc	F.Y.B.Sc	S.Y.B.Sc	T.Y.B.Sc	F.Y.B.Sc	S.Y.B.Sc	T.Y.B.Sc	F.Y.B.Sc	S.Y.B.Sc	T.Y.B.Sc	F.Y.B.Sc	S.Y.B.Sc	T.Y.B.Sc	F.Y.B.Sc	S.Y.B.Sc	T.Y.B.Sc	
9:20am - 10:10am		Pract. Math/Phy/Bot (smk/bsk) (108/003/203)	Chem/Bot (krm/skk) (004/113)		Pract. Math/Phy/Bot (grk/smk/bsk) (108/003/203)	Chem/Bot (krm/skk) (004/113)		Pract. Math/Phy/Bot (grk/smk/bsk) (108/003/203)	Chem/Bot (krm/skk) (004/113)		Pract. Chem/Zoo (krm/kpa) (002/204)	Chem/Bot (krm/skk) (004/113)		Pract. Chem/Zoo (hna/kpa) (002/204)	Chem/Bot (krm/skk) (004/113)		Pract. Chem/Zoo (hna/kpa) (002/204)	Chem/Bot (krm/skk) (004/113)	
10:10am - 11:00am	Pract. Chem (kas) (002)		Chem/Bot (hna/gbp) (004/113)	Pract. Chem (hna) (002)		Chem/Bot (kas/bsk) (004/113)		Pract. Chem (hna) (002)			Pract. Chem/Zoo (krm/kpa) (002/204)	Chem/Bot (hna/gbp) (004/113)		Pract. Chem/Zoo (kas/kpa) (002/204)	Chem/Bot (hna/gbp) (004/113)		Pract. Chem/Zoo (hna/rm) (002/204)	Chem/Bot (kas/bsk) (004/113)	
11:00am - 11:50am		Pract. Chem (kas) (002)	Chem/Bot (krm/skk) (004/113)		Pract. Chem (hna) (002)	Chem/Bot (krm/skk) (004/113)		Pract. Chem (hna) (002)			Pract. Chem/Zoo (krm/kpa) (002/204)	Chem/Bot (hna/gbp) (004/113)		Pract. Chem/Zoo (kas/kpa) (002/204)	Chem/Bot (hna/gbp) (004/113)		Pract. Chem/Zoo (hna/rm) (002/204)	Chem/Bot (kas/bsk) (004/113)	
Short Recess																			
2:00pm - 2:50pm	Chem (kas) (111)	Phy/Bot/ Math (smk/bsk) (112/113/108)		FC (mds) (111)	Phy/Bot/ Math (smk/bsk) (112/113/108)		Phy/Bot (smk/skk) (111/205)	Chem/Zoo (kas/rm) (112/113)		Pract. Chem/Bot (krm/skk) (002/203)		Phy/Bot/ Math (smk/skk) (112/113/108)	FC (mds) (111)	Math/Zoo (grk/rm) (111/205)	Chem/Zoo (hna/kpa) (112/113)		Chem/ Math (smk/skk) (112/113/108)	FC (mds) (111)	Phy/Bot/ Math (smk/skk) (112/113/108)
2:50pm - 3:40pm	Phy/Bot (smk/bsk) (111/205)	Chem/Zoo (krm/apk) (112/113)		Phy/Bot (smk/bsk) (111/205)	Chem/Zoo (kas/rm) (112/113)		Math/Zoo (grk/rm) (111/205)	FC (kpa) (112)		Pract. Chem/Bot (hna/gbp) (002/203)		Chem/Zoo (krm/kpa) (112/113)	Math/Zoo (grk/rm) (111/205)	Chem (kas) (111)	Phy/Bot/ Math (smk/bsk) (112/113/108)		Chem/ Math (smk/skk) (112/113/108)	Chem (hna) (111)	Phy/Bot/ Math (smk/bsk) (112/113/108)
3:40pm - 4:30pm	Math/Zoo (grk/kpa) (111/205)	FC (rm) (112)		Math/Zoo (grk/kpa) (111/205)	FC (rm) (112)		Chem (kas) (111)	Phy/Bot/ Math (smk/skk) (112/113/108)		Pract. Chem/Bot (hna/gbp) (002/203)		Chem (kas) (111)	Chem (hna) (111)	Phy/Bot (smk/bsk) (111/205)	Chem/ Zoo (hna/rm) (112/113)		Chem/ Zoo (hna/rm) (112/113)	Phy/Bot (smk/skk) (111/205)	Chem/Zoo (krm/kpa) (112/113)
4:30pm - 5:20pm		Phy/Bot/ Math (smk/bsk) (112/113/108)		Chem (hna) (111)	Chem/Zoo (kas/apk) (112/113)			Chem/Zoo (krm/apk) (112/113)		Pract. Chem/Bot (hna/gbp) (002/203)		Chem/Zoo (krm/apk) (112/113)	Phy/Bot (smk/bsk) (111/205)						

**Name of Department and Faculty:** 1. Botany: Mr. G. B. Pawar (gpb), Dr. B. A. Sonar (bas), Dr. S. K. Kamble (skk) 2. Zoology: Ms. K. P. Amkar (kpa), Ms. R. R. Mulla (rm) 3. Mathematics: Mr. G. R. Karade (grk) 4. Physics: Mr. S. M. Kumble (smk) 5. Chemistry: Dr. H. N. Akolkar (hna), Dr. K. A. Sasane (kas), Dr. K. R. Mahanwar (krm). 5. English: Ms. M. D. Suryavanshi (mds)

w.e.f. 12-Sept-2022

*G. Karade*

Time Table Committee Chairman  
(Mr. G. R. Karade)

*Principals*

Science Faculty Incharge  
(Dr. H. N. Akolkar)



I/c Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Raichur



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## Metric 1.1.1

### SUPPORTING DOCUMENTS

## Examination Calendar



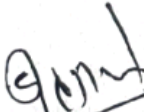
Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College,  
Rajapur

Examination Department  
**ANNUAL PLANING OF FIRST TERM EXAMINATION COMMITTEE  
2022-23 (Winter 2022)**

Date: 12.09.2022

Sr. No	Examination	College / University Proposed Exam. Month and Week / Dates	Actual Exam. Date
1	TYBA Semester - V	13 <sup>th</sup> October 2022	4 <sup>th</sup> November 2022
2	TYBCOM Semester- V	10 <sup>th</sup> October 2022 Rev. 18 <sup>th</sup> November 2022	18 <sup>th</sup> November 2022
3	TYBSC Semester- V	13 <sup>th</sup> October 2022	4 <sup>th</sup> November 2022
4	MCOM Semester- I	2 <sup>nd</sup> January 2023 Rev. 20 <sup>th</sup> February 2023	20 <sup>th</sup> February 2023
5	MCOM Semester- III	3 <sup>rd</sup> January 2023 Rev. 21 <sup>st</sup> February 2023	21 <sup>st</sup> February 2023
6	Semester- I, Regular examinations	Second week of November 2022	21 November 2022
7	Semester- III, Regular examinations	First week of November 2022	7 <sup>th</sup> November 2022
8	Semester – I, II, III and IV ATKT Examination	Fourth week of October 2022	6 <sup>th</sup> December 2022
9	Practical Examination		
10	Declaration of Result		
	FYBA, FYBCOM SYBCOM and SYBSC	Second week of February 2023	24 <sup>th</sup> February 2023
	FYBSC and SYBA		27 <sup>th</sup> February 2023

**Note:** Planning of all regular and ATKT examination based on university examinations.

  
Chairperson  
Examination Department

  
Dr. Sabane K. A.

  
Kamku SM





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College,  
Rajapur

Examination Department  
ANNUAL PLANING OF SECOND TERM EXAMINATION COMMITTEE  
2022-23


Date: 12.09.2022

Sr. No	Examination	College / University Proposed Exam. Month and Week / Dates	Actual Exam. Date
1	TYBA Semester - VI	12 <sup>th</sup> April 2023	12 <sup>th</sup> April 2023
	TYBA Semester- V Repeater	3 <sup>rd</sup> May 2023	3 <sup>rd</sup> May 2023
2	TYBCOM Semester- VI	5 <sup>th</sup> April 2023	5 <sup>th</sup> April 2023
	TYBCOM Semester- V Repeater	25 <sup>th</sup> April 2023	25 <sup>th</sup> April 2023
3	TYBSC Semester- VI	12 <sup>th</sup> April 2023	12 <sup>th</sup> April 2023
	TYBSC Sem- V Repeater	3 <sup>rd</sup> May 2023	3 <sup>rd</sup> May 2023
4	MCOM Semester- II	25 <sup>th</sup> April 2023	13 <sup>th</sup> June 2023
5	MCOM Semester- IV	12 <sup>th</sup> June 2023	12 <sup>th</sup> June 2023
6	Semester- II, Regular examinations	First week of April 2023	17 <sup>th</sup> April 2023
7	Semester- IV, Regular examinations	First week of April 2023	17 <sup>th</sup> April 2023
8	Semester – I, II, III and IV ATKT Examination	Fourth week of Maech 2022	1 <sup>st</sup> April 2023
9	Practical Examination	20 <sup>th</sup> March 2023	20 <sup>th</sup> March 2023
10	Declaration of Result	Second week of February 2023	
	FYBA, FYBCOM SYBCOM and SYBSC		
	FYBSC and SYBA		

Note: Planning of all regular and ATKT examination based on university examinations.

  
Chairperson  
Examination Department

  
Dr. Sasane K.A.

  
Kankusm



*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
(Vikhare-Gothane) Tal: Rajapur, Dist: Ratnagiri, 416 702(MH)**

*Affiliated to University of Mumbai, Mumbai*

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

## Metric 1.1.1

### SUPPORTING DOCUMENTS

**Proper Implementation of Examination  
Calendar**



Rayat Shikshan Sanstha's

ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR  
F.Y.B.A./ B.Com./B.Sc. Semester-I (Regular) Examination November - 2022

EXAMINATION TIME TABLE WINTER 2022

Date	Day	Time	F.Y.B.A.	F.Y.B.Com.	F.Y. B.Sc.
21-Nov-2022	Monday	11.00 to 1.30 p.m.	Foundation Course-I	Foundation Course-I	Foundation Course-I
22-Nov-2022	Tuesday	11.00 to 2.00 p.m.	Communication Skills in English	Accountancy & Financial Management	Chemistry-I
23-Nov-2022	Wednesday	11.00 to 2.00 p.m.	Marathi / Hindi (Compulsory)	Business Economics	Zoology / Mathematics-I
24-Nov-2022	Thursday	11.00 to 2.00 p.m.	Economics/ English/Psychology-I	Business Communication	Chemistry - II
25-Nov-2022	Friday	11.00 to 2.00 p.m.	History/ Marathi – III	Commerce - I	Physics / Botany-I
26-Nov-2022	Saturday	11.00 to 2.00 p.m.	Geography/ Hindi / Politics - I	Mathematics & Statistical Techniques	Zoology / Mathematics-II
28-Nov-2022	Monday	11.00 to 2.00 p.m.		Environmental Studies	Physics / Botany-II



*Heer*  
J/C Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.

Rayat Shikshan Sanstha's

ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR  
S.Y.B.A./B.Com./B.Sc. Semester-III (Regular) Examination November - 2022

EXAMINATION TIME TABLE WINTER 2022

Date	Day	Time	S.Y.B.A.	S.Y.B.Com.	S.Y.B.Sc.
07-Nov-2022	Monday	10.30 to 1.00 p.m.	Foundation Course-III	Foundation Course-III	Foundation Course-III
09-Nov-2022	Wednesday	10.30 to 1.30 p.m.	Introduction to Advertising	Accountancy & Financial Management- Paper-III	Chemistry/Zoology -I
10-Nov-2022	Thursday	10.30 to 1.30 p.m.	History/ Marathi -II	Financial Acct. and Auditing -V (Management Accounting)	Physics/Botany/Mathematics-I
11-Nov-2022	Friday	10.30 to 1.30 p.m.	Economics/ English/Psychology-II	Principle of Management- Commerce-III	Chemistry/Zoology -II
12-Nov-2022	Saturday	10.30 to 1.30 p.m.	Geography/ Hindi / Politics - III	Business Economics-III	Physics/Botany/Mathematics- II
14-Nov-2022	Monday	10.30 to 1.30 p.m.	History/ Marathi - III	Business Law-I	Chemistry/Zoology -III
15-Nov-2022	Tuesday	10.30 to 1.30 p.m.	Economics/ English/Psychology-III	Advertising-I	Physics/Botany/Mathematics-III
16-Nov-2022	Wednesday	10.30 to 1.30 p.m.	Geography/ Hindi / Politics -II		-



I/c Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College,  
Rajapur

Examination Department

## NOTICE



Date: 13/08/2022

All the examination committee members are hereby informed that, our committee meeting is organizing on 17<sup>th</sup> August, 2022 at 12. 15 pm in examination department.

### Agenda

- 1) Preparation of annual plan for regular examination of semester- I and III (Winter Exam 2022)
- 2) Preparation of repeater examination of all semesters.

  
Chairperson  
Examination Department

- 1) Dr. Sasane K.A. 
- 2) Mr. Kamble S.M. 
- 3) Ms. Mugdha Kamat \_\_\_\_\_

Examination Department  
Minutes of the meeting

**Motion 1:** Discussion on annual planning for regular exam of semester I and III  
(Winter 2022)

**Discussion:** As per the discussion in meeting, regular examination of FYBA/BCOM and BSC  
semester (I and III) end exam will commence from 14<sup>th</sup> Nov. 2022,

Vote: All in favor.

Resolved: Motion carried

**Motion 2:** Discussion on repeater examination of all semesters

**Discussion:** As per the discussion in meeting, repeater examination of FYBA/BCOM and BSC  
semester I to IV will based on number of failure students in respective class and  
subjects. The tentative dates of commence from 5<sup>th</sup> December 2022 to 16<sup>th</sup>  
December 2022.

Vote: All in favor.

Resolved: Motion carried

1) Dr. Hajare P. J.

  
\_\_\_\_\_

2) Dr. Sasane K.A.

  
\_\_\_\_\_

3) Mr. Kamble S.M.

  
\_\_\_\_\_

4) Ms. M. Kamat

\_\_\_\_\_





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College,  
Rajapur

Examination Department

## NOTICE

Date: 13/10/2022

All examination committee members are hereby informed that, Examination Department is conducting a meeting on 14/10/2022 at 12.30 pm in the FYBCOM Class. Kindly attend this meeting.

  
Chairperson  
Exam Committee

### Agenda of the Meeting

1. Revised commencement dates of TYBA, TYBCOM, TYBSC regular semester- V and regular MCOM Semester- I & III and Repeater exam of TYBA, TYBCOM, TYBSC repeater- VI and repeater MCOM, Semester- II & IV prepare regular semester – V time table of respective classes.
2. Commencement dates of FY and SY Semester (I and III) End Exam (Winter 2022)
3. Semester I, II, III and IV ATKT examination and form filling.
4. FY and SY semester -I and III Question Paper Setting and Submission
4. Assessment of Answer books and submission of Mark lists
5. Supervision chart
6. Other

1) Dr. Sasane K.A. 

2) Mr. Kamble S.M. 

3) Ms. Mugdha Kamat \_\_\_\_\_





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College,  
Rajapur

Examination Department

## NOTICE

Date: 13/10/2022

All examination committee members are hereby informed that, Examination Department is conducting a meeting on 14/10/2022 at 12.30 pm in the FYBCOM Class. Kindly attend this meeting.

Chairperson  
Exam Committee

### Agenda of the Meeting

1. Revised commencement dates of TYBA, TYBCOM, TYBSC regular semester- V and regular MCOM Semester- I & III and Repeater exam of TYBA, TYBCOM, TYBSC repeater- VI and repeater MCOM, Semester- II & IV prepare regular semester – V time table of respective classes.
2. Commencement dates of FY and SY Semester (I and III) End Exam (Winter 2022)
3. Semester I, II, III and IV ATKT examination and form filling.
4. FY and SY semester -I and III Question Paper Setting and Submission
4. Assessment of Answer books and submission of Mark lists
5. Supervision chart
6. Other

1) Dr. Sasane K.A. 

2) Mr. Kamble S.M. 

3) Ms. Mugdha Kamat \_\_\_\_\_

## Examination Department Minutes of the meeting

**Motion 1:** Commencement dates of TYBA, TYBCOM, TYBSC regular semester- V and regular MCOM Semester- I & III and Repeater exam of TYBA, TYBCOM, TYBSC repeater- VI and repeater MCOM, Semester- II & IV prepare regular semester – V (Winter 2022). University examination

**Discussion:** As per the discussion in meeting, commencement of dates for regular examination of TYBA, TYBCOM, TYBSC regular semester- V and regular MCOM Semester- I & III and Repeater exam of TYBA, TYBCOM, TYBSC repeater- VI and repeater MCOM, Semester- II & IV prepare regular semester – V (Winter 2022). All these exams will start 10.10.2022, 13.10.2022, respectively.

Responsibility of University Exam has been taken by the Chairperson. But University has been circulated revised time table of TYBA and TYBSC (4.11.2022), BCOM (18.11. 2022).

Vote: All in favor.

Resolved: Motion carried

**Motion 2:** Commencement dates of FY and SY Semester (I and III) End Exam (Winter 2022)

**Discussion:** After the fruitful discussion, committee members has been decided the dates of FY and SY BA. BCOM and BSC Sem- I and III examination of winter 2022 in the month of November 2<sup>nd</sup> week. Before that, examination time table will circulate through WhatsApp to the students, as well as semester- I and III examination forms filling notice also circulated through WhatsApp by the examination committee. Also, final time table has been displayed on notice board and circulated through WhatsApp group.

FYBA.BCOM and BSC – 14.10.2022 to 20.10.2022

SYBA. BCOM and BSC- 12.10.2022 to 18.10.2022

Last date of form filling – 20.10.2022

Exam Date FYBA, BCOM and BSC- 21.11.2022 to 28.11.2022

SYBA, BCOM and BSC- 07.11.2022 to 18.11.2022

Vote: All in favor.

Resolved: Motion carried

**Motion 3:** Semester I, II, III and IV ATK T examination and form filling

**Discussion:** Committee members has discussed about the ATK T semester- I, II, III and IV examinations. The form filling notice has circulated to the students.

**FYBA, SYBA – I, II, III, and IV 12.10. 2022, to 20.10.2022**

**Last date: 20.10.2022**

As per the submission of ATK T forms, our committee members have been separated all these forms and prepared time table. So finally finalized dates.

FYBA, BCOM and BSC- 06.12. 2022 to 15.12.2022.

SYBA, BCOM and BSC- 06.12.2022

Medical claimed students will be appearing for their missed papers.

Vote: All in favor.

Resolved: Motion carried

**Motion 4:** FY and SY semester -I and III Question Paper Setting and Submission

**Discussion:** Committee members have discussed on question paper setting and submission of two sets and ATKT Papers one set. Members has been drawn notice and circulate among the faculties. Last date of submission of both exam- 20.10.2022.

Vote: All in favor.

Resolved: Motion carried

**Motion 5:** Assessment of Answer books and submission of Mark lists

**Discussion:** Committee members withdrawn notice for the faculties for assessment of answer books. CAP Coordinator responsibility has been taken by Mr. S. M. Kamble. After the examination our faculty members will assess the papers and submitting mark list to the CAP Coordinator. All result will be declared within forty-five days after the exam.

Vote: All in favor.

Resolved: Motion carried

**Motion 5:** Prepare of supervision chart

**Discussion:** As per the total number of examinees, committee members have been preparing supervision chart and supervision orders. This responsibility will take Dr. Sasane K.A.

Vote: All in favor.

Resolved: Motion carried

*Sasane*

Dr. Sasane K.A.

*Kamble*

Kamble SM



Chairperson

Examination Department





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College,  
Rajapur

Examination Department

## NOTICE

Date: 15/03/2023

All examination committee members are hereby informed that, Examination Department is conducting a meeting on 16/03/2023 at 12.00 pm in the FYBCOM Class. Kindly attend this meeting.

Chairperson  
Exam Committee

### Agenda of the Meeting

1. Revised commencement dates of TYBA, TYBCOM, TYBSC regular semester- VI and regular MCOM Semester- II & IV and Repeater exam of TYBA, TYBCOM, TYBSC repeater- V and repeater MCOM, Semester- I & III prepare regular semester – V time table of respective classes.
2. Commencement dates of FY and SY Semester (II and IV) End Exam (Summer 2023)
3. Semester I, II, III and IV ATKT examination and form filling.
4. FY and SY semester -I and III Question Paper Setting and Submission
4. Assessment of Answer books and submission of Mark lists
5. Supervision chart
6. Other

1) Dr. Sasane K.A.   
\_\_\_\_\_

2) Mr. Kamble S.M.   
\_\_\_\_\_

3) Ms. Mugdha Kamat \_\_\_\_\_

## Examination Department

# Minutes of the meeting

**Motion 1:** Commencement dates of TYBA, TYBCOM, TYBSC regular semester- V and regular MCOM Semester- I & III and Repeater exam of TYBA, TYBCOM, TYBSC repeater- VI and repeater MCOM, Semester- II & IV prepare regular semester – V (Winter 2022). University examination

**Discussion:** As per the discussion in meeting, commencement of dates for regular examination of TYBA, TYBCOM, TYBSC regular semester- V and regular MCOM Semester- I & III and Repeater exam of TYBA, TYBCOM, TYBSC repeater- VI and repeater MCOM, Semester- II & IV prepare regular semester – V (Winter 2022). All these exams will start 10.10.2022, 13.10.2022, respectively.

Responsibility of University Exam has been taken by the Chairperson. But University has been circulated revised time table of TYBA and TYBSC (4.11.2022), BCOM (18.11. 2022).

Vote: All in favor.

Resolved: Motion carried

**Motion 2:** Commencement dates of FY and SY Semester (I and III) End Exam (Winter 2022)

**Discussion:** After the fruitful discussion, committee members has been decided the dates of FY and SY BA. BCOM and BSC Sem- I and III examination of winter 2022 in the month of November 2<sup>nd</sup> week. Before that, examination time table will circulate through WhatsApp to the students, as well as semester- I and III examination forms filling notice also circulated through WhatsApp by the examination committee. Also, final time table has been displayed on notice board and circulated through WhatsApp group.

FYBA,BCOM and BSC –Sem- II 17.04.2023 to 25.04.2023

SYBA. BCOM and BSC- Sem- IV 17.04.2023 to 28.04.2023

Last date of form filling – 20.10.2022

Exam Date FYBA, BCOM and BSC- 15.04.2023

SYBA, BCOM and BSC- 15.04.2023

Vote: All in favor.

Resolved: Motion carried

**Motion 3:** Semester I, II, III and IV ATKT examination and form filling

**Discussion:** Committee members has discussed about the ATKT semester- I, II, III and IV examinations. The form filling notice has circulated to the students.

**FYBA, SYBA – I, II, III, and IV 27.03.2023**

**Last date: 27.0.2023**

As per the submission of ATKT forms, our committee members have been separated all these forms and prepared time table. So finally finalized dates.

FYBA, BCOM and BSC- Sem.-I and II 01.04.2023 to 11.04.2023

SYBA, BCOM and BSC-Sem.- III an IV 01.04.2023 to 15.04.2023

Medical claimed students will be appearing for their missed papers.



Vote: All in favor.  
Resolved: Motion carried

**Motion 4:** FY and SY semester -I and III Question Paper Setting and Submission

**Discussion:** Committee members have discussed on question paper setting and submission of two sets for regular exam and one set for ATKT exam. Members has been drawn notice and circulate among the faculties. Last date of submission of both exam- 08.04.2023 and 25.03.2023 respectively.

Vote: All in favor.  
Resolved: Motion carried

**Motion 5:** Assessment of Answer books and submission of Mark lists

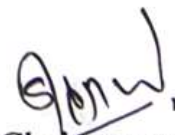
**Discussion:** Committee members withdrawn notice for the faculties for assessment of answer books. CAP Coordinator responsibility has been taken by Mr. S. M. Kamble. After the examination our faculty members will assess the papers and submitting mark list to the CAP Coordinator. All result will be declared within forty-five days after the exam.

Vote: All in favor.  
Resolved: Motion carried

**Motion 5:** Prepare of supervision chart

**Discussion:** As per the total number of examinees, committee members have been preparing supervision chart and supervision orders. This responsibility will take Dr. Sasane K.A.

Vote: All in favor.  
Resolved: Motion carried

  
Chairperson  
Examination Department

  
Dr. Sasane K.A.

  
Kamble S.M.

Rayat Shikshan Sanstha's

**ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR**

**S.Y.B.A./B.Com./B.Sc. Semester - III and IV (A.T.K.T.)**

**Examination December - 2022**

**EXAMINATION TIME TABLE**

Date	Day	Time	S.Y.B.A.	S.Y.B.Com.	S.Y. B.Sc.
06/12/2022	Tuesday <del>Sunday</del>	10.30 to 1.00 p.m.	Economics - II (Sem.-IV) Introduction to Advertising (Sem. - IV) Marathi -III (Sem.-IV) Geography - II (Sem.- III)	Business Law-I (IV)	Botany - I (IV)

  
Chairperson  
Exam Committee



  
I/c Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gotne) Dist. Ratnagiri.

Rayat Shikshan Sanstha's

ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR

F.Y.B.A. / F.Y.B.Com. / F.Y.B. Sc.

Semester-I (ATKT) Examination December - 2022

Date	Day	Time	F.Y.B.A.	F.Y.B.Com.	F.Y.B.Sc.
06/12/2022	Tuesday	10.30 to 1.00 pm	Foundation Course-I	Foundation Course-I	Foundation Course-I
07/12/2022	Wednesday	10.30 to 1.30 pm	Communication Skills in English Marathi / Hindi (Compulsory) Economics - I	Business Economics	Zoology - I
08/12/2022	Thursday	10.30 to 1.30 pm	History / Marathi - I Politics - I	Commerce - I	Chemistry - II
09/12/2022	Friday	10.30 to 1.30 pm		Mathematics & Statistical Techniques	Botany-II

  
Chairperson  
Exam Committee



  
I/c Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gotne) Dist. Ratnagiri.



Rayat Shikshan Sanstha's  
**ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR**  
**F. Y. B. A. / B. Com. / B. Sc. Semester-II (A.T.K.T.)**  
**Examination December - 2022**

Date	Day	Time	F. Y. B. A.	F. Y. B. Com.	F. Y. B. Sc.
06/12/2022	Tuesday	10.30 to 1.00 / 1.30 pm	Foundation Course-I	Accountancy & Financial Management	Foundation Course-I
07/12/2022	Wednesday	10.30 to 1.30 pm	Hindi (Compulsory)	Business Economics	Chemistry-I
08/12/2022	Thursday	10.30 to 1.30 pm	Economics/ Psychology-I	Business Communication	Zoology - II
09/12/2022	Friday	10.30 to 1.30 pm	History - I	Commerce - I	
10/12/2022	Saturday	10.30 to 1.30 pm	Geography / Politics - I	Mathematics & Statistical Techniques	
12/12/2022	Monday	10.30 to 1.30 pm		Environmental Studies	
13/12/2022	Tuesday	10.30 to 1.30 pm			Chemistry - II
14/12/2022	Wednesday	10.30 to 1.30 pm			Botany-II
15/12/2022	Thursday	10.30 to 1.30 pm			Zoology - I

*[Signature]*  
Chairperson  
Exam Committee



*[Signature]*  
F/c Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gotne) Dist. Ratnagiri.

Rayat Shikshan Sanstha's

**ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR**

**S.Y.B.A./B.Com./B.Sc. Semester - III and IV (A.T.K.T.)**

**Examination December - 2022**

**EXAMINATION TIME TABLE**

Date	Day	Time	S.Y.B.A.	S.Y.B.Com.	S.Y. B.Sc.
06/12/2022	Tuesday <del>Sunday</del>	10.30 to 1.00 p.m.	Economics - II (Sem.-IV) Introduction to Advertising (Sem. - IV) Marathi -III (Sem.-IV) Geography - II (Sem.- III)	Business Law-I (IV)	Botany - I (IV)

  
Chairperson  
Exam Committee



  
I/c Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gotne) Dist. Ratnagiri.

Rayat Shikshan Sanstha's

ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR

F.Y.B.A. / F.Y.B.Com. / F.Y.B. Sc.

Semester-I (ATKT) Examination December - 2022

Date	Day	Time	F.Y.B.A.	F.Y.B.Com.	F.Y.B.Sc.
06/12/2022	Tuesday	10.30 to 1.00 pm	Foundation Course-I	Foundation Course-I	Foundation Course-I
07/12/2022	Wednesday	10.30 to 1.30 pm	Communication Skills in English Marathi / Hindi (Compulsory) Economics - I	Business Economics	Zoology - I
08/12/2022	Thursday	10.30 to 1.30 pm	History / Marathi - I Politics - I	Commerce - I	Chemistry - II
09/12/2022	Friday	10.30 to 1.30 pm		Mathematics & Statistical Techniques	Botany-II

  
Chairperson  
Exam Committee



  
I/c Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gotne) Dist. Ratnagiri.



Rayat Shikshan Sanstha's  
**ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR**  
**F. Y. B. A. / B. Com. / B. Sc. Semester-II (A.T.K.T.)**  
**Examination December - 2022**

Date	Day	Time	F. Y. B. A.	F. Y. B. Com.	F. Y. B. Sc.
06/12/2022	Tuesday	10.30 to 1.00 / 1.30 pm	Foundation Course-I	Accountancy & Financial Management	Foundation Course-I
07/12/2022	Wednesday	10.30 to 1.30 pm	Hindi (Compulsory)	Business Economics	Chemistry-I
08/12/2022	Thursday	10.30 to 1.30 pm	Economics/ Psychology-I	Business Communication	Zoology - II
09/12/2022	Friday	10.30 to 1.30 pm	History - I	Commerce - I	
10/12/2022	Saturday	10.30 to 1.30 pm	Geography / Politics - I	Mathematics & Statistical Techniques	
12/12/2022	Monday	10.30 to 1.30 pm		Environmental Studies	
13/12/2022	Tuesday	10.30 to 1.30 pm			Chemistry - II
14/12/2022	Wednesday	10.30 to 1.30 pm			Botany-II
15/12/2022	Thursday	10.30 to 1.30 pm			Zoology - I

*[Signature]*  
Chairperson  
Exam Committee



*[Signature]*  
F/c Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gotne) Dist. Ratnagiri.

Ravai Shikshan Sanstha's  
ABASAHEB MARATHE ARTS & NEW COMMERCE SCIENCE, COLLEGE RAJAPUR  
F. Y. B. A. / B. Com. / B. Sc. Semester-II (Regular) Examination April - 2023

EXAMINATION TIME TABLE SUMMER 2023

Date	Day	Time	F. Y. B. A.	F. Y. B. Com.	F. Y. B. Sc.
17-April-2023	Monday	1.30 to 4.00 / 4.30 pm	Foundation Course-I	Environmental Studies	Chemistry-I
18-April-2023	Tuesday	1.30 to 4.00 / 4.30 pm	Communication Skills in English	Accountancy & Financial Management	Zoology / Mathematics-I
19-April-2023	Wednesday	1.30 to 4.00 / 4.30 pm	Marathi / Hindi (Compulsory)	Business Economics	Foundation Course-I
20-April-2023	Thursday	1.30 to 4.00 / 4.30 pm	Economics/ English/Psychology-I	Business Communication	Chemistry - II
21-April-2023	Friday	1.30 to 4.00 / 4.30 pm	History/ Marathi - III	Commerce - I	Physics / Botany-I
24-April-2023	Monday	1.30 to 4.00 / 4.30 pm	Geography/ Hindi / Politics - I	Mathematics & Statistical Techniques	Zoology / Mathematics-II
25-April-2023	Tuesday	1.30 to 4.00 / 4.30 pm		Foundation Course-I	Physics / Botany-II

  
Chairperson  
Examination Committee



  
Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gotthne)Distl.Ratnagiri.



# University of Mumbai



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College, Rajapur

## Examination Time Table

Programme: T.Y.B.A. First Half Exam. April 2023

Semester: VI

Days & Dates	Time	Paper Code	Q.P. Code	Paper
Wednesday 12/04/2023	10.30 to 1.30 p.m.	86507		<b>English:</b> 16th to 18th century English literature-II
		86516		<b>Marathi:</b> History of Medieval Marathi Literature
		86722		<b>Hindi:</b> History of Modern Hindi literature (R 2021)
		86707		<b>Economics:</b> Advanced Macroeconomics III
		86513		<b>History:</b> History of Medieval India (1526CE-1707 CE)
		86509		<b>Geography:</b> Environmental Geography
Thursday 13/04/2023	10.30 to 1.30 p.m.	86537		<b>English:</b> Literary Criticism- II
		86544		<b>History:</b> History of Contemporary India (1947 CE – 2000 CE)
		86539		<b>Geography:</b> Geography of Tourism & Recreation
		86708		<b>Economics:</b> International Economics (Rev)
		86723		<b>Hindi:</b> Post Independent Hindi Literature (R 2021)
		86847		<b>Marathi:</b> Indian & Western Theories of Literature



*J. J. J.*  
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A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.



Days & Dates	Time	Paper Code	Q.P. Code	Paper
Monday 17/04/2023	10.30 to 1.30 p.m.	86573		<b>English:</b> Grammar and Art of writing-II
		86581		<b>History:</b> Introduction to Museology & Archival Science
		86724		<b>Hindi:</b> Social Media (R-2021)
		86585		<b>Marathi:</b> Literature and Society
		86710		<b>Economics:</b> Economics of Agriculture and Co-Operation II (Rev)
Tuesday 18/04/2023	10.30 to 1.30 p.m.	86609		<b>Geography:</b> Economics Geography
		86725		<b>Hindi:</b> Literary Criticism/Prosody & Rhetorics (R 2021)
		86616		<b>Marathi:</b> Linguistic & Marathi Grammer
		86712		<b>Economics:</b> Research Methodology II
Wednesday 19/04/2024	10.30 to 1.30 p.m.	86642		<b>Geography:</b> Biogeography
		86726		<b>Hindi:</b> Linguistic Hindi Language & Grammar (R 2021)
		86651		<b>Marathi:</b> Modern Marathi Literature
		86715		<b>Economics:</b> Environmental Economics II
Thursday 20/04/2023	10.30 to 1.30 p.m.	86727		<b>Hindi:</b> Ideological Background of modern Hindi literature (R 2021)
		86684		<b>Marathi:</b> Occupational Marathi
		86719		<b>Economics:</b> History of Economic Thought II (Rev)
Friday 21/04/2023	10.30 to 1.30 p.m.	86521		<b>Political Science:</b> India in World Politics
		86513		<b>History:</b> History of Medieval India (1526 CE-1707 CE)
Monday 24/04/2023	10.30 to 1.30 p.m.	86552		<b>Political Science:</b> Indian Political Thought
		86544		<b>History:</b> History of Contemporary India (1947 CE – 2000 CE)
Tuesday 25/04/2023	10.30 to 1.30 p.m.	86590		<b>Political Science:</b> Determinants of Politics of Maharashtra
		86581		<b>History:</b> Introduction to Museology & Archival Science

  
 Chairperson  
 Examination Committee



  
 Principal  
 A.M.A. & N.C.S. College  
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*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
(Vikhare-Gothane) Tal: Rajapur, Dist: Ratnagiri, 416 702(MH)**

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*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

## Metric 1.1.1

### SUPPORTING DOCUMENTS

**Department Record**



*Rayat Shikshan Sanstha's*

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## **Department Record**

### **Index**

<b>Sr. No.</b>	<b>Name of Department</b>
1	Marathi
2	Hindi
3	English
4	Economics
5	Geography
6	History
7	Political Science
8	Psychology
9	Commerce
10	Botany
11	Zoology
12	Chemistry
13	Physics
14	Mathematics
15	Master of Commerce





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## **Department Record**

**Department of Mathematics**



*Rayat Shikshan Sanstha's*

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## **Department of Mathematics**

### **Index**

<b>Sr. No.</b>	<b>Document</b>
1	Department Meeting Record
2	Department Calendar
3	Department Time Table
4	Individual Time Table
5	Teaching Plan
6	Syllabus Completion Report
7	Department Result Analysis
8	Teaching Diary
9	Attendance Record
10	Question Bank
11	Department Extra Activity/Other Practices
12	Teaching Learning Resources
13	Learning Outcomes



**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)**

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**Department of Mathematics**

**Department Meeting**

**Notice**

**Date: 20-June-2022**

All faculty members of the department of **Mathematics** are hereby informed that the meeting is scheduled on 20<sup>th</sup> June, 2022 at 10:00am with the Principal at Principal Cabin. All are requested to present for the same.

**Meeting Agenda:**

1. Departmental Time Table.
2. Department Work Distribution.
3. Departmental Calendar.
4. Departmental Activities.

**Head**  
**Mathematics Department**



**Principal**  
**A. M. A. & N. C. S. College**  
**Rajapur, Dist. Ratnagiri.**





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri, 416 702 (MH)  
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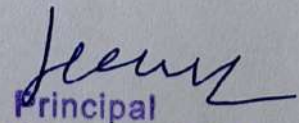
Department of Mathematics  
Departmental Academic Calendar  
(2022-2023)

Date: 13-June-2022

Sr. No.	Activity	Month/Date
1	Staring of department lectures	13-June-2022
2	Distribution of workload	20-June-2022
3	Preparation of departmental time table	20-June-2022
4	Unit Test No. 1	First Week of July-2022
5	Unit Test No. 2	Second Week of July-2022
6	Preparation of Results of Unit Test -1 and Unit Test - 2	Third Week of July-2022
7	Surprise Test No. 1	First Week of August-2022
8	Surprise Test No. 2	Second Week of August -2022
9	Preparation of Results of Surprise Test -1 and Surprise Test - 2	Third Week of August -2022
10	Home Assignment No.1	First Week of September-2022
11	Home Assignment No. 2	Second Week of September-2022
12	Preparation of Results of Home Assignment No.-1 and Home Assignment No.- 2	Third Week of September -2022
13	Unit Test No. 3	First Week of October-2022
14	Unit Test No. 4	Second Week of October -2022
15	Preparation of Results of Unit Test -3 and Unit Test - 4	Third Week of October -2022
16	Unit Test No. 1	First Week of December-2022
17	Unit Test No. 2	Second Week of December-2022
18	Preparation of Results of Unit Test -1 and Unit Test - 2	Third Week of December-2022
19	Surprise Test No. 1	First Week of January-2023
20	Surprise Test No. 2	Second Week of January-2023
21	Preparation of Results of Surprise Test -1 and Surprise Test - 2	Third Week of January-2023
22	Home Assignment No.1	First Week of February-2023
23	Home Assignment No. 2	Second Week of February -2023
24	Preparation of Results of Home Assignment No.-1 and Home Assignment No.- 2	Third Week of February -2023
25	Unit Test No. 3	First Week of March-2023
26	Unit Test No. 4	Second Week of March -2023
27	Preparation of Results of Unit Test -3 and Unit Test - 4	Third Week of March -2023

  
Head

Mathematics Department

  
Principal

A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



Rayat Shikshan Sanstha's  
 ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR  
 DEPARTMENT OF MATHEMATICS  
 TIME TABLE (2022-2023)

Day	Monday			Tuesday			Wednesday			Thursday		Friday		Saturday		
Time	F.Y.	S.Y.	B.Com.	F.Y.	S.Y.	B.Com.	F.Y.	S.Y.	B.Com.	F.Y.	S.Y.	F.Y.	S.Y.	F.Y.	S.Y.	B.Com.
9:20-10:10		MATHS PRACTICAL			MATHS PRACTICAL			MATHS PRACTICAL						MATHS PRACTICAL		
10:10-11:00																
11:00-11:50			MATHS			MATHS			MATHS							MATHS
11:50-12:00																
12:00-12:50		MATHS			MATHS						MATHS	MATHS				MATHS
12:50-1:40							MATHS			MATHS			MATHS			MATHS
1:40-2:30	MATHS			MATHS					MATHS			MATHS				
2:30-3:20		MATHS													MATHS	

Faculty of Department: Mr. Karade G. R.

Workload Per Week: FY B.Sc. = 08 Lectures, SY B.Sc. = 14 Lectures, FY B.Com. = 05 Lectures, Total Workload Per Week = 27.

*@Karade*  
 Head

Mathematics Department

*Jeeva*  
 Principal

A. M. A. & N. C. S. College  
 Rajapur, Dist. Ratnagiri.




Rayat Shikshan Sanstha's  
 ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR  
 DEPARTMENT OF MATHEMATICS  
 Individual Time Table  
 TIME TABLE (2022-2023)

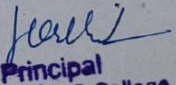
Name of Faculty with Qualification: Mr. Karade G. R. (M.Sc. NET)  
 Designation: Assistant Professor  
 Department: Mathematics

Day	Monday			Tuesday			Wednesday			Thursday		Friday		Saturday		
Time	B.Sc.-I	B.Sc.-II	B.Com.-I	B.Sc.-I	B.Sc.-II	B.Com.I	B.Sc.-I	B.Sc.-II	B.Com.I	B.Sc.-I	B.Sc.-II	B.Sc.-I	B.Sc.-II	B.Sc.-I	B.Sc.-II	B.Com.-I
9:20 am-10:10 am		MATHS PRACTICAL			MATHS PRACTICAL			MATHS PRACTICAL							MATHS PRACTICAL	
10:10 am-11:00 am																
11:00 am-11:50 am			MATHS			MATHS										MATHS
11:50 am-12:00 pm																
12:00 pm-12:50 pm		MATHS					MATHS		MATHS	MATHS		MATHS				MATHS
12:50 pm-1:40 pm														MATHS		
1:40 pm-2:30 pm	MATHS			MATHS				MATHS			MATHS		MATHS			
2:30 pm-3:20 pm		MATHS			MATHS			MATHS			MATHS		MATHS			

Name of Faculty with Qualification: Mr. Karade G. R. (M.Sc. NET)  
 Workload Per Week: FY B.Sc. = 08 Lectures, SY B.Sc. = 14 Lectures, FY B.Com.= 05 Lectures,  
 Total Workload Per Week= 27.

  
 Head  
 Mathematics Department  
 (Mr. Karade G. R.)



  
 I/C Principal  
 A.M.A.N.C.S. College  
 Rajapur, (V. Gethne) Dist. Ratnagiri





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri, 416 702 (MH)

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Department of Mathematics  
Annual Teaching Plan  
(2022-2023)

Date: 20-June-2022  
Sem-I & II

Class: F.Y.B.Sc.

Sr. No.	Month	Topic/Synopsis
1	June-2022 and July-2022	<b>Calculus-I] Unit 1 : Real Number System (15 Lectures)</b> (1) Real number system $\mathbb{R}$ and order properties of $\mathbb{R}$ , absolute value $ x $ and its properties.(2) AM-GM inequality, Cauchy-Schwarz inequality, Intervals and neighbourhoods, interior points, limit point, Hausdorff property. (3) Bounded sets, statements of l.u.b. axiom and its consequences, supremum and infimum, maximum and minimum, Archimedean property and its applications, density of rationals.
2	August-2022	<b>Calculus-I] Unit 2: Sequences in <math>\mathbb{R}</math> (15 Lectures)</b> (1) Definition of a sequence and examples, Convergence of sequences, every convergent sequence is bounded. Limit of a convergent sequence and uniqueness of limit, Divergent sequences. (2) Convergence of standard sequences like (3) Algebra of convergent sequences, sandwich theorem, monotone sequences, monotone convergence theorem and consequences as convergence of (4) Definition of subsequence, subsequence of a convergent sequence is convergent and converges to the same limit, definition of a Cauchy sequences, every convergent sequences $s_n$ a Cauchy sequence and converse.
3	September-2022	<b>Calculus-I] Unit 3: First order First degree Differential equations (15 Lectures)</b> Review of Definition of a differential equation, order, degree, ordinary differential equation and partial differential equation, linear and non-linear ODE. Solution of homogeneous and nonhomogeneous differential equations of first order and first degree. Notion of partial derivatives. (1) Exact Equations: General solution of Exact equations of first order and first degree. Necessary and sufficient condition for $Mdx + Ndy = 0$ to be exact. Non-exact equations: Rules for finding integrating factors (without proof) for non-exact equations.
4	October-2022	<b>Algebra-I] Unit I : Integers &amp; Divisibility (15 Lectures)</b> (1) Statements of well-ordering property of non-negative integers, Principle of finite induction first and second) as a consequence of Well-Ordering Principle. (2) Divisibility in integers, division algorithm, greatest common divisor (g.c.d.) and least common multiple (l.c.m.) of two non zero integers, basic properties of g.c.d. such as existence and uniqueness of g.c.d. of two non zero integers $a$ & $b$ and that the g.c.d. can be expressed as $ma + nb$ for some $m, n \in \mathbb{Z}$ , Euclidean algorithm. (3) Primes, Euclid's lemma, Fundamental Theorem of arithmetic, The set of primes is infinite, there are arbitrarily large gaps between primes, there exists infinitely many primes of the form $4n - 1$ or of the form $6n - 1$ . (4) Congruence, definition and elementary properties, Results about linear congruence equations. Examples.
5	November-2022	<b>Algebra-I] Unit II : Functions, Relations and Binary Operations (15 Lectures)</b> (1) Definition of relation and function, domain, co-domain and range of a function, composite functions, examples, Direct image $f(A)$ and inverse image $f^{-1}(B)$ for a function $f$ , injective, surjective, bijective functions, Composite of injective, surjective, bijective functions when defined, invertible functions, bijective functions are invertible and conversely, examples of functions including constant, identity, projection, inclusion, Binary operation as a function, properties, examples. (2) Equivalence relation, Equivalence classes, properties such as two equivalence classes are either identical or disjoint, Definition of partition, every partition gives an equivalence relation and vice versa. 3) Congruence is an equivalence relation on $\mathbb{Z}$ ,



		Residue classes and partition of $Z$ , Addition modulo $n$ , Multiplication modulo $n$ , examples.
6	December-2022	<b>Algebra-I] Unit III: Polynomials (15 Lectures)</b> (1) Definition of a polynomial, polynomials over $F$ where $F = Q;R$ or $C$ , Algebra of polynomials, degree of polynomial, basic properties. (2) Division algorithm in $F[X]$ (without proof), and g.c.d of two polynomials and its basic properties, Euclidean algorithm (proof of the above results may be given only in the case of $Q[X]$ with a remark that the results as well as the proofs remain valid in the case of $R[X]$ or $C[X]$ ):8 (3) Roots of a polynomial, relation between roots and coefficients, multiplicity of a root. Elementary consequences such as the following. (i) Remainder theorem, Factor theorem. (ii) A polynomial of degree $n$ has at most $n$ roots. (iii) Complex and non-real roots of a polynomials in $R[X]$ occur in conjugate pairs. (Emphasis on examples and problems in polynomials with real coefficients). (4) Necessary condition for a rational number $p/q$ to be a root of a polynomial with integer coefficients (viz. $p$ divides the constant coefficient and $q$ divides the leading coefficient), corollary for monic polynomials (viz. a rational root of monic polynomial with integer coefficients is necessarily an integer). Simple consequence such as the irrationality is necessarily of $p$ for any prime number $p$ . Irreducible polynomials in $Q[x]$ , Unique Factorisation Theorem. Examples.
7	January-2023	<b>Calculus-II] Unit-I: Limits and Continuity (15 Lectures)</b> Brief review: Domain and range of a function, injective function, surjective function, bijective function, composite of two functions (when defined), Inverse of a bijective function. Graphs of some standard functions such as over suitable intervals of $R$ : No direct questions to be added. (1) definition of Limit of a function, uniqueness of limit if it exists, algebra of limits, limits of composite function, sandwich theorem, left-hand-limit (2) Continuous functions: Continuity of a real valued function at a point and on a set using definition, examples, Continuity of a real valued function at end points of domain using definition, $f$ is continuous at $a$ if and only if $f(x)$ exists and equals to $f(a)$ , Sequential continuity, Algebra of continuous functions, discontinuous functions, examples of removable and essential discontinuity. (3) Intermediate Value theorem and its applications, Bolzano-Weierstrass theorem (statement only): A continuous function on a closed and bounded interval is bounded and attains its bounds.
8	February-2023	<b>Calculus-II] Unit-II: Differentiability of functions (15 Lectures)</b> (1) Differentiation of real valued function of one variable: Differentiation of differentiability of a function at a point of an open interval, examples of differentiable and non differentiable functions, differentiable functions are continuous but not conversely, algebra of differentiable functions. (2) Chain rule, Higher order derivatives, Leibniz rule, Derivative of inverse functions, Implicit differentiation (only examples)
9	March-2023	<b>Calculus-II] Unit-III: Applications of differentiability (15 Lectures)</b> (1) Rolle's Theorem, Lagrange's and Cauchy's Mean Value Theorems, applications and examples, Monotone increasing and decreasing functions, examples. (2) L-Hospital rule (without proof), examples of indeterminate forms, Taylor's theorem with Lagrange's form of remainder with proof, Taylor polynomial and applications. (3) Definition of critical point, local maximum/minimum, necessary condition, stationary points, second derivative test, examples, concave/convex functions, point of intersection. (4) Sketching of graphs of functions using properties.
10	April-2023	Semester End Examinations

*@Koracle*

Head of Department  
Mathematics

*Joshi*

Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.





Rayat Shikshan Sanstha's  
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Department of Mathematics  
Syllabus Completion Report  
(2022-2023)

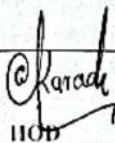
23-April-2023  
Sem-I & II

Class: F.Y.B.Sc.

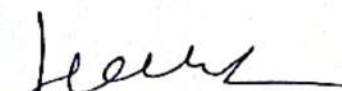
Sr. No.	Month	Topic/Synopsis	Remark
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2	August-2022	<b>Calculus-I] Unit 2: Sequences in <math>\mathbb{R}</math> (15 Lectures)</b> (1) Definition of a sequence and examples, Convergence of sequences, every convergent sequence is bounded. Limit of a convergent sequence and uniqueness of limit, Divergent sequences. (2) Convergence of standard sequences like (3) Algebra of convergent sequences, sandwich theorem, monotone sequences, monotone convergence theorem and consequences as convergence of (4) Definition of subsequence, subsequence of a convergent sequence is convergent and converges to the same limit, definition of a Cauchy sequences, every convergent sequences is a Cauchy sequence and converse.	Completed
3	September-2022	<b>Calculus-I] Unit 3: First order First degree Differential equations (15 Lectures)</b> Review of Definition of a differential equation, order, degree, ordinary differential equation and partial differential equation, linear and non-linear ODE. Solution of homogeneous and nonhomogeneous differential equations of first order and first degree. Notion of partial derivatives. (1) Exact Equations: General solution of Exact equations of first order and first degree. Necessary and sufficient condition for $Mdx + Ndy = 0$ to be exact. Non-exact equations: Rules for finding integrating factors (without proof) for non-exact equations.	Completed
4	October-2022	<b>Algebra-I] Unit I : Integers &amp; Divisibility (15 Lectures)</b> (1) Statements of well-ordering property of non-negative integers, Principle of finite induction first and second) as a consequence of Well-Ordering Principle. (2) Divisibility in integers, division algorithm, greatest common divisor (g.c.d.) and least common multiple (l.c.m.) of two non zero integers, basic properties of g.c.d. such as existence and uniqueness of g.c.d. of two non zero integers $a$ & $b$ and that the g.c.d. can be expressed as $ma + nb$ for some $m; n \in \mathbb{Z}$ , Euclidean algorithm. (3) Primes, Euclid's lemma, Fundamental Theorem of arithmetic, The set of primes is infinite, there are arbitrarily large gaps between primes, there exists infinitely many primes of the form $4n - 1$ or of the form $6n - 1$ . (4) Congruence, definition and elementary properties, Results about linear congruence equations. Examples.	Completed
5	November-2022	<b>Algebra-I] Unit II : Functions, Relations and Binary Operations (15 Lectures)</b> (1) Definition of relation and function, domain, co-domain and range of a function, composite functions, examples, Direct image $f(A)$ and inverse image $f^{-1}(B)$ for a function $f$ , injective, surjective, bijective functions, Composite of injective, surjective, bijective functions when defined, invertible functions, bijective functions are invertible and conversely, examples of functions including constant, identity, projection, inclusion, Binary operation as a function,	Completed



		properties, examples. (2) Equivalence relation, Equivalence classes, properties such as two equivalence classes are either identical or disjoint, Definition of partition, every partition gives an equivalence relation and vice versa. 3) Congruence is an equivalence relation on $\mathbb{Z}$ , Residue classes and partition of $\mathbb{Z}$ , Addition mod $n$ , Multiplication modulo $n$ , examples.	
6	December-2022	<p><b>Algebra-I] Unit III: Polynomials (15 Lectures)</b></p> <p>(1) Definition of a polynomial, polynomials over <math>F</math> where <math>F = \mathbb{Q}; \mathbb{R}</math> or <math>\mathbb{C}</math>, Algebra of polynomials, degree of polynomial, basic properties. (2) Division algorithm in <math>F[X]</math> (without proof), and g.c.d of two polynomials and its basic properties, Euclidean algorithm (proof of the above results may be given only in the case of <math>\mathbb{Q}[X]</math> with a remark that the results as well as the proofs remain valid in the case of <math>\mathbb{R}[X]</math> or <math>\mathbb{C}[X]</math>):8</p> <p>(3) Roots of a polynomial, relation between roots and coefficients, multiplicity of a root. Elementary consequences such as the following. (i) Remainder theorem, Factor theorem. (ii) A polynomial of degree <math>n</math> has at most <math>n</math> roots. (iii) Complex and non-real roots of a polynomials in <math>\mathbb{R}[X]</math> occur in conjugate pairs. (Emphasis on examples and problems in polynomials with real coefficients). (4) Necessary condition for a rational number <math>\frac{p}{q}</math> to be a root of a polynomial with integer coefficients (viz. <math>p</math> divides the constant coefficient and <math>q</math> divides the leading coefficient), corollary for monic polynomials (viz. a rational root of monic polynomial with integer coefficients is necessarily an integer). Simple consequence such as the irrationality is necessarily of <math>\sqrt{p}</math> for any prime number <math>p</math>. Irreducible polynomials in <math>\mathbb{Q}[x]</math>, Unique Factorisation Theorem. Examples.</p>	Completed
7	January-2023	<p><b>Calculus-II] Unit-I: Limits and Continuity (15 Lectures)</b></p> <p>Brief review: Domain and range of a function, injective function, surjective function, bijective function, composite of two functions (when defined), Inverse of a bijective function. Graphs of some standard functions such as over suitable intervals of <math>\mathbb{R}</math>: No direct questions to be added. (1) definition of Limit of a function, uniqueness of limit if it exists, algebra of limits, limits of composite function, sandwich theorem, left-hand-limit (2) Continuous functions: Continuity of a real valued function at a point and on a set using definition, examples, Continuity of a real valued function at end points of domain using definition, <math>f</math> is continuous at <math>a</math> if and only if <math>\lim_{x \rightarrow a} f(x)</math> exists and equals to <math>f(a)</math>, Sequential continuity, Algebra of continuous functions, discontinuous functions, examples of removable and essential discontinuity. (3) Intermediate Value theorem and its applications, Bolzano-Weierstrass theorem (statement only): A continuous function on a closed and bounded interval is bounded and attains its bounds.</p> <p><b>Discrete Mathematics: Unit-I</b></p>	Completed
8	February-2023	<p><b>Calculus-II] Unit-II: Differentiability of functions (15 Lectures)</b></p> <p>(1) Differentiation of real valued function of one variable: Differentiation of differentiability of a function at a point of an open interval, examples of differentiable and non differentiable functions, differentiable functions are continuous but not conversely, algebra of differentiable functions. (2) Chain rule, Higher order derivatives, Leibniz rule, Derivative of inverse functions, Implicit differentiation (only examples)</p> <p><b>Discrete Mathematics: Unit-II</b></p>	Completed
9	March-2023	<p><b>Calculus-II] Unit-III: Applications of differentiability (15 Lectures)</b></p> <p>(1) Rolle's Theorem, Lagrange's and Cauchy's Mean Value Theorems, applications and examples, Monotone increasing and decreasing functions, examples. (2) L-Hospital rule (without proof), examples of indeterminate forms, Taylor's theorem with Lagrange's form of remainder with proof, Taylor polynomial and applications. (3) Definition of critical point, local maximum/minimum, necessary condition, stationary points, second derivative test, examples, concave/convex functions, point of intersection. (4) Sketching of graphs of functions using properties.</p> <p><b>Discrete Mathematics: Unit-III</b></p>	Completed

  
HOD

Mathematics Department

  
Principal

A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





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Rayat Shikshan Sanstha's

**ABASAHEB MARATHE  
ARTS & NEW COMMERCE, SCIENCE COLLEGE,  
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**TEACHER'S PERSONAL INFORMATION**

**ACADEMIC DIARY**

Name of the Teacher

Mr. Karade Gorakhanath Rambhau

Department of Subject

Mathematics

**Year 2022 - 2023**







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**ABASAHEB MARATHE**

**ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR**

(Vikhare Gothane), Dist. Ratnagiri - 416 702

Estd. June, 1994



**TEACHER'S PERSONAL INFORMATION**

**ACADEMIC YEAR - 20 -20**

Name in Full : Mr. Karade Georakhanath Rambhau

Qualification : M.Sc. NET Department : Mathematics

Designation : Assist. Prof. Date of Appointment : 01-03-2013

Present Pay Scale : \_\_\_\_\_

P. F. A/C No. : \_\_\_\_\_ PAN No. : B&APK8600H

Bank A/C No. : \_\_\_\_\_

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Mobile No. : \_\_\_\_\_



# ACADEMIC DIARY

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# INDIVIDUAL TIME TABLE

Academic Year - 2022 - 2023

College Timings

Department Of: Mathematics.

Period No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1.	9:20 - 10:10	B.Sc.II PRC	B.Sc.II PRC	B.Sc.II PRC	-	-	B.Sc.I PRC
2.	10:10 - 11:00	B.Sc.II PRC	B.Sc.II PRC	B.Sc.II PRC	-	-	B.Sc.I PRC
3.	11:00 - 11:50	B.Com.I Lec.	B.Com.I Lec.	B.Com.I Lec.	-	-	B.Com.I Lec.
4.	11:50 - 12:00	-	-	-	-	-	-
5.	12:00 - 12:50	B.Sc.II Lect	B.Sc.II Lect	-	B.Sc.II Lect	B.Sc.I Lect	B.Sc.II Lect
6.	12:50 - 1:40	-	-	B.Sc.I Lect.	B.Sc.I Lect	B.Sc.II Lect	B.Sc.II Lect
7.	1:40 - 2:30	B.Sc.I Lect	B.Sc.I Lect	B.Sc.II Lect.	B.Sc.II Lect	-	-
8.	2:30 - 3:20	B.Sc.II Lect.	-	-	-	-	B.Sc.I Lect.
9.	-	-	-	-	-	-	-

@Karade

Sign of Teacher

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Head of the Department

Total No. of Periods Per Week

27



Principal

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## Annual Teaching Plan

Academic Year - 2022 - 2023

Class : B.Sc.I, B.Sc.II, B.Com-I

Papers : 1. Calculus - I

2. Algebra - I

3. Calculus - III

Subject : Mathematics

Papers : 4. Linear Algebra - I

5. O.D.E.

6. Math and Stat Tech.

Month	Week	Paper No.	Unit	Subunit	Periods Allotted	Periods Required	Remarks
Jun-22	1	1	Unit-I > Real Number System.	Order property of $\mathbb{R}$	15	15	ok
				A.M.G.M. inequality			
				Cauchy-Schwarz ineq.			
Jun-22	1	3	Unit-II Infinite Series	Infinite series in $\mathbb{R}$	15	15	ok
				Test for convergence			
				Alternating Series.			
Jully-22	1	1	Real Number System	L.U.B and G.L.B.	15	15	ok
	2	3	Infinite Series	Test of convergence	15	15	ok
	3	3	Riemann Integration	Riemann integrability	15	15	ok
	4	4	Shares and Mut. Fund.	shares, Mut. Fund.	15	15	ok
Aug-22	1	1	Sequences in $\mathbb{R}$	limit of seq. Algebra	15	15	ok
	2	3	Application of int.	Leibnitzs Rule	15	15	ok





Month	Week	Paper No.	Unit	Subunit	Periods Allotted	Periods Required	Remarks
Jan-23	1	1	Limit and Continuity	$\epsilon$ - $\delta$ definition	15	15	ok
	2	3	Appli. of differenti.	Local Max Local Min	15	15	ok
	3	4	Linear Transform <sup>n</sup>	Null space R- $\rightarrow$ The	15	15	ok
	4	6	Functions Derivative	Demand Supply	15	15	ok
Feb-23	1	1	Differentiability	chain Rule Leibnitz --	15	15	ok
	2	4	Inner Product Space	Norm, Angle Vector	15	15	ok
	3	4	Eigen Value and Vector	charact. Polynomial	15	15	ok
	4	6	Interest and Annuity	Interest Annuity	15	15	ok
March <sup>23</sup>	1	1	Applications of diff.	Rolle's Theorem	15	15	ok
	1	2	Preliminary Counting	stirling Number	15	15	ok
	2	5	Sol <sup>n</sup> Algebraic eq <sup>n</sup>	Measures of error	15	15	ok
	3	6	Bivariate linear regre.	Regression analysis	15	15	ok
	4	6	Time Series/Index No.	Index No.	15	15	ok
April-23	1	2	Advanced Counting	Binomial Multinomial	15	15	ok
	1	2	Recurrence Relation	Homo. Re-Relation	15	15	ok



## TEXT BOOKS AND REFERENCE BOOKS

(Give the list of Prescribed text Books/Reference Books/Audio Visual aids & other resource material consulted)

Class	Subject	Paper	Titles of the Books, Journals, Periodicals & Magazines etc.	Author & Publications
B.Sc-I	Calculus I	1	Introduction to Real Analysis	R.G. Bartle; John Wiley
B.Sc-I	Algebra I	2	Topics in Algebra	J.N. Herstein
B.Sc-I	Calculus II	1	Calculus, Third Edition	James Stewart
B.Sc-I	Discrete Math.	2	Discrete Mathematics; Oxford Univ.	Norman Biggs
B.Sc-II	Mul. Calculus	1	T. Apostol: Calculus, vol 2	T. Apostol
B.Sc-II	Lin. Alg-II	2	S. Kumaresan: Linear Algebra Geo. App.	S. Kumaresan
B.Sc-II	Num Method	3	Introduction to Numerical Analysis-	Hidebrand F.B.
B.Sc-II	Calcul-III	1	Methods of Real Analysis	R.R. Goldberg
B.Sc-II	Lin. Alg. I	2	Linear Algebra: Geometric Approach	S. Kumaresan
B.Sc-II	O.D.E.	3	Elementary Differential Equations	Macmillan
B.Com-I	Math I	I	Mathematical and statistical Technique-I	sheth Publication
B.Com-I	Math-II	II	Mathematical and statistical Technique-II	sheth Publication.



# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day Monday	Class B.Sc. II	Subject/Practical ✓	Period No. 1, 2
Date 13-6-22			

SYBSC sem - III

Mathematics Practical : Calculus - III

Infinite series in IR.

- Definition of convergence and divergence of a series.

Day Date	Class B.Sc. II	Subject/Practical Lect.	Period No. 5
-------------	-------------------	----------------------------	--------------

- Recurring Decimals as an infinite series.
- A series as a partial sums
- Infinite series and its convergence.
- Geometric series.

Day Date	Class B.Sc. II	Subject/Practical Lect.	Period No. 8
-------------	-------------------	----------------------------	--------------

- Examples on Geometric series.

- Q) Find sum of the series.

$$\frac{1}{9} + \frac{1}{27} + \frac{1}{81} + \dots$$

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# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day Tuesday	Class	Subject/Practical	Period No. 1, 2
Date 14-6-22	B.Sc. II		

Mathematics Paper-I : Practical : USMTPO3 on  
USMT301 :

Practical No. 1)

Examples of convergence and divergence of series and algebra of convergent series.

Day	Class	Subject/Practical	Period No. 5
Date	B.Sc. II	Lect	

Practical No. 2)

Test for convergence of series :

i) P-series.

ii) Geometric Series.

Day	Class	Subject/Practical	Period No.
Date			

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**CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME**  
Synopsis / Lesson Notes

Day Wednes. Date 15-6-22	Class B.S.C II	Subject/Practical ✓	Period No. 1, 2
-----------------------------	----------------	---------------------	-----------------

Practical No. 3)  
 Finding upper sum.  
 Finding lower sum.  
 Finding Riemann integration of function.

Day Date	Class B.Sc. II	Subject/Practical Lect	Period No. 7
-------------	----------------	------------------------	--------------

- Convergence and divergence of a series.  
 - If the series  $\sum_{n=1}^{\infty} a_n$  is convergent, then  
 $\lim_{n \rightarrow \infty} a_n = 0$ .

Day Date	Class	Subject/Practical	Period No.
-------------	-------	-------------------	------------

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# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day Thursday	Class	Subject/Practical	Period No. 5
Date 16-June-22	B.Sc-II	Lect	

- Algebra of convergent series.
- If  $\sum a_n$  and  $\sum b_n$  convergent then  $\sum (a_n + b_n)$  and  $\sum (a_n - b_n)$  both convergent
- Examples on Algebra.

Day	Class	Subject/Practical	Period No. 7
Date	B.Sc-II	Lect	

- Test of convergence.
- Ratio Test.
- $n^{\text{th}}$  Root Test.
- Cauchy Integral Test.

Day	Class	Subject/Practical	Period No.
Date			

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# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day Friday	Class B.Sc.-II	Subject/Practical Lect.	Period No. 6
---------------	-------------------	----------------------------	-----------------

- Theorem for the convergent / divergent of  $p$ -series.
- Comparison Test for the series of non-negative terms.

Day Date	Class	Subject/Practical	Period No.
-------------	-------	-------------------	------------

Day Date	Class	Subject/Practical	Period No.
-------------	-------	-------------------	------------

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# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day	Saturday	Class	Subject/Practical	Period No.	5
Date	18-6-22	B.Sc. II	Lect		

- Limit comparison Test (or Limit form of comparison Test.)
- Examples on Limit Comparison Test.
- Discuss the convergence of  $\sum_{n=1}^{\infty} \left( \frac{\log n}{n^{3/2}} \right)$ .

Day	Date	Class	Subject/Practical	Period No.	6
		B.Sc. II	Lect		

- Alternating series : Definition

$$1 - \frac{1}{2} + \frac{1}{3} - \frac{1}{4} + \frac{1}{5} - \dots$$

$$+1 - 2 + 3 - 4 + 5 - 6 - \dots$$

- Leibnitz Theorem.

Day	Date	Class	Subject/Practical	Period No.	
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# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day Monday Date 20-6-22	Class B.Sc. II	Subject/Practical ✓	Period No. 1, 2
----------------------------	----------------	---------------------	-----------------

Practical No. 4)

Problems on properties of Riemann integration. i)  $\int_a^b a f = a \int_a^b f$ .

Day Date	Class B.Sc. II	Subject/Practical Lect	Period No. 5
-------------	----------------	------------------------	--------------

- Monotone increasing sequences.
- Limit comparison Test (Limit form of comparison Test).
- checking given series for convergent.

Day Date	Class B.Sc. II	Subject/Practical Lect.	Period No. 8
-------------	----------------	-------------------------	--------------

Q) Test convergence of following series.

a)  $\frac{3}{4} + \frac{5}{9} + \frac{7}{16} + \frac{9}{25} + \dots$

b)  $1 + \frac{1}{3} + \frac{1}{7} + \frac{1}{15} + \dots$

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# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

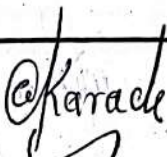
Day <sup>Tue</sup> <del>Wednes</del>	Class	Subject/Practical	Period No. 1, 2
Date 21-6-22	B.Sc. II	✓	


Practical No. 1) (USMT302)  
 System of homogeneous and non-homogeneous linear equations.  
 Practical No. 2) i) Elementary row operation  
 ii) Elementary matrices.

Day	Class	Subject/Practical	Period No. #
Date	B.Sc. II	Lect	

- Absolute Convergence of a series.  
 - A series  $\sum_{n=1}^{\infty} a_n$  is said to be absolutely convergent or converges absolutely if the series  $\sum |a_n|$  converges.

Day	Class	Subject/Practical	Period No.
Date			

  
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# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day Wed.	Class	Subject/Practical	Period No. 1, 2
Date 22-6-22	B.Sc. II	✓	

Practical No. 3)

- Vector spaces : Definition and Examples
- Subspaces of vector space : Definition and example.

Day	Class	Subject/Practical	Period No. 7
Date	B.Sc. II	Lect	

- Examples on absolute convergence of a series.
- Test the convergence of the following series  
a)  $1 - \frac{1}{2} + \frac{1}{4} - \frac{1}{8} + \dots$

Day	Class	Subject/Practical	Period No.
Date			

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# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day Thur.	Class B.Sc. II	Subject/Practical Leed.	Period No. 5
--------------	-------------------	----------------------------	-----------------

- Conditional Convergence of a series.
- A series  $\sum a_n$  is said to be converges conditionally if it convergent but its absolute series  $\sum |a_n|$  diverges.


Day Date	Class B.Sc. II	Subject/Practical Leed.	Period No. 7
-------------	-------------------	----------------------------	-----------------


Theorem : If a series  $\sum a_n$  is absolutely convergent, then it is convergent.

Q) Discuss the convergence of a series

$$1 - \frac{1}{4} + \frac{1}{9} - \frac{1}{16} + \dots$$

Day Date	Class	Subject/Practical	Period No.
-------------	-------	-------------------	------------

  
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# LECTURES OR OTHER DUTIES IN EXCESS OF UGC NORMS

## Synopsis / Lesson Notes of Extra Lectures Conducted

Day Date	Frid. 31-3-23	Class B.Sc. I	Subject/Practical Lect.	Period No. 5
-------------	------------------	------------------	----------------------------	--------------

- First derivative test.
- Hessian matrix.
- Second derivative test for functions of two variables.

Day Date		Class B.Sc. II	Subject/Practical Lect.	Period No. 6
-------------	--	-------------------	----------------------------	--------------

- Method of Lagrange's Multipliers.
- Differentiation of vector fields.
- Differentiability and notion of derivative.

Day Date	Class	Subject/Practical	Period No.
-------------	-------	-------------------	------------

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Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri



**AWARDS / CERTIFICATES**

Sr. No.	Title	Date

*Karade*

Signature of the Teacher



*This is to certify that the details filled in the Academic diary are found  
 correct/incomplete. His/ her performance is good/better/best/ satisfactory/  
 unsatisfactory/ requires improvement*

Date : 27-04-2023

Seal :



*Heer*

Principal  
 A.M.A. & N.C.S. College  
 Rajapur, (V.Gothne) Dist. Rathagiri.



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**Abasaheb Marathe Arts &  
New Commerce, Science Colleg Rajapur**

(Vikhare Gothane) Rajapur,

Dist. Ratnagiri.

**RECORD OF ATTENDANCE**

Year	2022 - 2023
Class	F.Y. B.Sc.
Subject	Mathematics
Name of the Professor	Mr. Karade G. R.



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**Abasaheb Marathe Arts &  
New Commerce, Science Colleg Rajapur**

(Vikhare Gothane) Rajapur,

Dist. Ratnagiri.

**RECORD OF ATTENDANCE**

Year	2022 - 2023
Class	S.Y.B.Sc.
Subject	Mathematics
Name of the Professor	Mr. Karade G.R.

## Instructions:

1. All question are compulsory.
2. Figure to the right indicates full marks.
3. Use of simple and non-programmable calculator is allowed.
4. Graph papers will be provided on request.

## PART-A

## Section-I

Q] Attempt any 8 out of 12 questions from following:(8×3=24 mark)

1. Infimum of the set  $\{1, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \dots\}$  is...  
 a) 1      b) 0      c)  $\frac{1}{10}$       d) Does not exists.
2. If  $A = \{1, 5, 7, 11\}$  then  
 a)  $\inf(A) \in A$  and  $\sup(A) \in A$       b) 0      c)  $\frac{1}{10}$       d) Does not exists.
3. The sequence  $(-1)^n$  is..  
 a) monotonic and bounded      b) monotonic but not bounded  
 c) not monotonic but bounded      d) neither monotonic nor bounded
4. A monotonic sequence  
 a) must be bounded      b) may be bounded      c) can not be bounded      d) none of these
5. If  $a_n = \frac{7n-4}{4n+7}$ , then sequence  $(a_n)$  converges to  
 a)  $\frac{7}{4}$       b)  $-\frac{4}{7}$       c) Zero      d) 1
6. A non-convergent sequence means  
 a) an oscillating sequence      b) a divergent sequence  
 c) either oscillating or divergent      d) neither oscillating or divergent
7. Order of the differential equation  $x^2 \frac{d^2y}{dx^2} + x(\frac{dy}{dx})^3 + (2x+3)^4 = 0$  is....  
 a) 3      b) 4      c) 2      d) 1
8. A solution of the differential equation  $\frac{dy}{dx} = \sin(x)$  is....  
 a)  $y = \cos x + c$       b)  $y = -\cos x + c$       c)  $y = -\sin x + c$       d)  $y = \sin x + c$
9. The general solution of the differential equation  $(1+x)dy - (1+y)dx = 0$  is...  
 a)  $x + y = c$       b)  $r$       c)  $y = -\sin x + c$       d)  $y = \sin x + c$
10. Let  $a > 0$  and  $x = 2a, y = 6a, z = 18a$  then geometric mean of x, y, z is..  
 a)  $6a$       b)  $\frac{26}{3}a$       c)  $216a^3$       d)  $a$
11. If  $x_n = \sin(n\pi), n \in \mathbb{N}$  then sequence  $(x_n)$  is...  
 a) bounded and convergent      b) bounded but not convergent  
 c) unbounded but convergent      d) neither bounded nor convergent
12. A convergent sequence of rational numbers .....  
 a) has a rational limit      b) may have an irrational limit  
 c) can not have an irrational limit      d) none of these

## Section-II

Q] Attempt any TWO questions from following:( 2×8=16 mark)

1. By applying Hausdorff Property, find disjoint neighbourhoods of 1.5 and 1.6.



**SET-B**

<b>Semester-I</b>	<b>F.Y.B.Sc</b>	<b>Calculus-I (USMT101)</b>	<b>Marks:75</b>	<b>Time:2 Hr,30 Min</b>
-------------------	-----------------	-----------------------------	-----------------	-------------------------

Instructions:

1. All question are compulsory.
2. Figure to the right indicates full marks.
3. Use of simple and non-programmable calculator is allowed.
4. Graph papers will be provided on request.

**Q.1] Attempt any TWO questions from following:( 10 mark each) [20 Marks]**

1. Find the l.u.b. and g.l.b. of the set  $S = \{x \in \mathbb{R}/|x + 12| \leq 10\}$ .
2. By applying Hausdorff Property, find mutually disjoint neighborhoods of  $x = 1$  and  $y = 1.7$  and  $z = 2$ .
3. By applying Hausdorff Property, find disjoint neighbourhoods of 1.5 and 1.6.

**Q.2] Attempt any TWO questions from following:( 10 mark each) [20 Marks]**

1. Show that sequence  $x_n = \frac{2n}{n^3+1}$  is convergent and converges to zero, using Sandwich theorem.
2. Examin whether the following sequences are monotonic.
  - (a)  $x_n = \frac{4}{n+1}$ .
  - (b)  $x_n = 3n^2 + 2$ .
3. Give an example of sequences  $(x_n)$  and  $(y_n)$  to show that  $(x_n - y_n)$ ,  $(x_n y_n)$  and  $(\frac{x_n}{y_n})$  are convergent even though  $(x_n)$  and  $(y_n)$  are not. Also discuss the convergence of sequence  $(x_n + y_n)$ .

**Q.3] Attempt any TWO questions from following:( 10 mark each) [20 Marks]**

1. Solve the differential equation  $(y^2 e^{xy^2} + 4x^3)dx + (2xye^{xy^2} - 3y^2)dy = 0$ .
2. Solve the differential equation  $(\cos y + y \cos x)dx + (\sin x - x \sin y)dy = 0$ .
3. Find the solution of the differential equation  $y - x \frac{dy}{dx} = 0$ .

**Q.4] Attempt any 3 questions from following:( 5 mark each) [15 Marks]**

1. By applying Hausdorff Property, find disjoint neighbourhoods of 1.5 and 1.6.
2. If  $x_n = \frac{2n+3}{n+1}$  and  $y_n = \frac{3n-2}{2n+1}$ , discuss the convergence of sequence  $(x_n)$  and  $(y_n)$ .
3. Find solution of homogeneous differential equation  $(x^2 + y^2)dx - 2xydy = 0$ .
4. Find solution differential equation  $(2x^3 + 3y)dx + (3x + y - 1)dy = 0$ .



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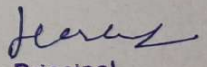
Result Analysis  
(Examination April-2023)  
Subject: Mathematics

Name of Subject Teacher: Mr. Karade G. R.

Class	Paper	Students					Students Obtaining Marks							Percentage (%) of Result		Remark
		Total	Present	Absent	Pass	Fail	O	A	B	C	D	E	F	College	University	
		90-100	80-89	70-79	60-69	50-59	40-49	00-39								
B.Sc.-I (Sem-II)	Paper-I	8	6	2	8	0	2	0	1	2	1	0	0	100		
	Paper-II	8	6	2	8	0	1	3	2	0	0	0	0	100		
B.Sc.-II (Sem-IV)	Paper-I	4	4	0	4	0	0	2	1	1	0	0	0	100		
	Paper-II	4	4	0	4	0	0	1	2	1	0	0	0	100		
	Paper-III	4	4	0	4	0	0	3	1	0	0	0	0	100		
B.Com.(Sem-II)	Paper-II	131	104	27	104	0	9	9	13	22	23	28	0	100		

  
Head

Mathematics Department

  
Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Patnagiri.



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur  
Department of Mathematics  
Individual Workload  
(2022-2023)

**Name of Teacher with Qualification:** Mr. Karade G. R. (M.Sc. NET)

**Designation:** Assistant Professor

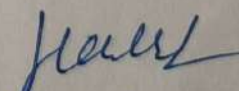
**Department:** Mathematics

Sr. No.	Name of Class	Semester	Name of Paper	Number of Lectures Per Week
1	F.Y.B.Sc.	I	Calculus - I	3
2	F.Y.B.Sc.	I	Algebra - I	3
3	F.Y.B.Sc.	I	Practical (on Calculus -I and Algebra-I)	2
4	S.Y.B.Sc.	III	Calculus - III	3
5	S.Y.B.Sc.	III	Linear Algebra-I	3
6	S.Y.B.Sc.	III	Ordinary Differential Equations	3
7	S.Y.B.Sc.	III	Practical	5
9	F.Y.B.Com.	I	Mathematical and Statistical Techniques-I	5
<b>Total Workload Per Week</b>				<b>27</b>



Signature of Teacher  
(Mr. Karade G. R.)



  
I/c Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.





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**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri, 416702 (MH)**  
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**Department of Mathematics**  
**Learning Outcomes**  
**Of**  
**F.Y. B.Sc. and S.Y. B.Sc. Mathematics Courses**  
**(2022-2023)**

**I. Learning Outcomes of F.Y.B.Sc. Courses.**

**1. Calculus (USMT101 and USMT201):** Upon successful completion of Calculus (USMT101 and USMT201), students will be able to get following benefits: This course gives introduction to basic concepts of Analysis with rigor and prepares students to study further courses in Analysis. Formal proofs are given lot of emphasis in this course which also enhances understanding of the subject of Mathematics as a whole. The portion on first order, first degree differentials prepares learner to get solutions of so many kinds of problems in all subjects of Science and also prepares learner for further studies of differential equations and related fields.

**2. Algebra (USMT102) and Discrete Mathematics (USMT202):** Upon successful completion of Algebra (USMT102) and Discrete Mathematics (USMT202), students will be able to get following benefits: This course gives expositions to number systems (Natural Numbers & Integers), like divisibility and prime numbers and their properties. These topics later find use in advanced subjects like cryptography and its uses in cyber security and such related fields.

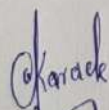
**II. Learning Outcomes of S.Y.B.Sc. Courses:**

**1. Calculus (USMT301) & Multivariable Calculus I (USMT401):** Upon successful completion of this course, students will be able to get following benefits: This course gives introduction to basic concepts of Analysis with rigor and prepares students to study further courses in Analysis. Formal proofs are given lot of emphasis in this course which also enhances understanding of the subject of Mathematics as a whole.

**2. Linear Algebra I (USMT302) & Linear Algebra II (USMT402):** Upon successful completion of this course, students will be able to get following benefits: This course gives expositions to system of linear equations and matrices, Vector spaces, Basis and dimension, Linear Transformation, Inner product space, Eigen values and eigenvectors.

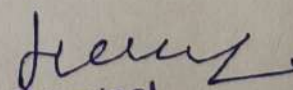
**3. Ordinary Differential Equations (USMT303):** Upon successful completion of this course, students will be able to get following benefits: This course prepares learner to get solutions of so many kinds of problems in all subjects of Science and also prepares learner for further studies of differential equations and related fields.

**4. Numerical Methods and Statistical Methods (USMT403):** Upon successful completion of this course, students will be able to get following benefits: Lerner will learn different types of Numerical methods and statistical methods to apply in different fields of Mathematics.

  
Head

Department of Mathematics



  
Principal  
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Rajapur, Dist. Ratnagiri.





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## **Department Record**

**Department of Political Science**



*Rayat Shikshan Sanstha's*

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## **Department of Political Science**

### **Index**

<b>Sr. No.</b>	<b>Document</b>
1	Department Meeting Record
2	Department Calendar
3	Department Time Table
4	Individual Time Table
5	Teaching Plan
6	Syllabus Completion Report
7	Department Result Analysis
8	Teaching Diary
9	Attendance Record
10	Question Bank
11	Department Extra Activity/Other Practices
12	Teaching Learning Resources
13	Learning Outcomes





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**Department of Political Science**

**Department Meeting**

**Notice**

Date: 15 - July - 2022

All teaching staff of Political Science department is are hereby informed that the meeting will be held scheduled on 18<sup>th</sup> July, 2022 at 10:00am with the Principal at Principal Cabin. All are requested to present for the same.

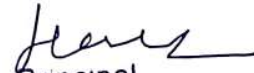
Meeting Agenda:

- 1) Departmental Time Table.
- 2) Department Work Distribution.
- 3) Departmental Calendar.
- 4) Departmental Activities.
- 5) Discussion on the point raised at the time of meetings.

  
Head

Political Science Department



  
Principal

A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.



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**Department of Political Science**

**Department Meeting**

**Meeting Proceedings**

Date: 18<sup>th</sup> - July - 2022

The meeting of all staff of Political Science Department has been conducted in the meetings hall under the guidance of Respected Principal on 18<sup>th</sup> - July - 2022 at 10.00 am. Mr. Nhavekar Sudhir introduced the meeting and expressed the vote of thanks.

Following decisions has been taken in the meeting after discussion.

Resolution-1

Planning of FY/SY/T.Y.B.A. Unit Test of II/IV/VI semester as per University rule has been done after discussion.

All resolutions have approved.

Head  
Political Science Department



Principal  
A. M. A. & N. C. S. College  
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DEPARTMENT OF POLITICAL SCIENCE  
Academic Calendar 2022- 23

Sr. No.	Month	Activities
1	June 2022	<ul style="list-style-type: none"><li>Department Meeting about Annual Planning (Distribution of workload, Time Table, Short Term Course, Days Celebration, Projects etc.)</li></ul>
2	July 2022	<ul style="list-style-type: none"><li>Teaching</li><li>Paper Writing, Project Report Distribution students</li><li>Short Term Course Panchayat Raj</li></ul>
3	August 2022	<ul style="list-style-type: none"><li>Teaching</li><li>Celebration of Independence Day</li><li>Student Seminar activity</li></ul>
4	September 2022	<ul style="list-style-type: none"><li>Teaching</li><li>Surprise Test</li><li>Student Projects</li></ul>
5	October 2022	<ul style="list-style-type: none"><li>Teaching</li><li>Home Assignment</li><li>Examination of Panchayat Raj</li><li>College Internal Evaluation</li><li>University Examination</li></ul>
6	November 2022	<ul style="list-style-type: none"><li>Department Meeting</li><li>University Examination</li><li>Celebration of Constitution Day</li><li>Department Term End Meeting</li></ul>
7	December 2022	<ul style="list-style-type: none"><li>Teaching</li><li>Unit tests</li><li>Project Work</li><li>Power Presentations</li><li>Short Term Course Human Rights</li></ul>
8	January 2023	<ul style="list-style-type: none"><li>Teaching</li><li>Celebration of National Voters' Day</li></ul>
9	February 2023	<ul style="list-style-type: none"><li>Teaching</li><li>Project Work</li><li>Seminar</li></ul>
10	March 2023	<ul style="list-style-type: none"><li>Teaching</li><li>Group Discussions</li><li>University Examination</li></ul>
11	April 2023	<ul style="list-style-type: none"><li>University Examination</li><li>Examination of Human Rights</li><li>Department Term End Meeting</li></ul>
12	May 2023	<ul style="list-style-type: none"><li>Celebration of Maharashtra Day</li></ul>

  
Head, Dept. of Political Science




  
Principal  
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Rajapur, Dist. Ratnagiri

Rayat Shikshan Sanstha's  
**ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR**  
 DEPARTMENT OF POLITICAL SCIENCE  
 TIME TABLE (2022-2023)

Day	Monday			Tuesday			Wednesday			Thursday			Friday		Saturday	
Time	B.A-I	B.A-II	B.A-III	B.A-I	B.A-II	B.A-III	B.A-I	B.A-II	B.A-III	B.A-I	B.A-II	B.A-III	B.A-II	B.A-III	B.A-II	B.A-III
08.30 am - 09.20 am		Political Science		Political Science					Political Science		Political Science		Political Science			Political Science
09.20 am - 10.10 am	Political Science				Political Science		Political Science			Political Science						Political Science
10.10 am - 10.20 am	Short Recess															
10.20 am - 11.10 am						Political Science		Political Science				Political Science		Political Science		
11.10 am - 12.00 pm			Political Science						Political Science						Political Science	
12.00 pm - 12.50 pm						Political Science										Political Science
12.50 pm - 01.40 pm												Political Science				

Name of Faculty with Qualification: Mr. Nhavekar S. T. (M.A. SET)  
 Workload per Week: FY B.A. = 04 Lectures, SY B.A. = 6 Lectures, TY B.A. = 11 Lectures,  
 Total Workload per Week= 21.

  
 Head  
 Political Science Department  
 (Mr. Nhavekar S. T.)



  
 Principal  
 A.M.A. & N.C.S. College  
 Rajapur, (V. Gothne) Dist. Ratnagiri.




Rayat Shikshan Sanstha's  
 ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR  
 DEPARTMENT OF POLITICAL SCIENCE  
 Individual Time Table  
 TIME TABLE (2022-2023)


Name of Faculty with Qualification: Mr. Nhavekar S. T. (M.A. SET)  
 Designation: Assistant Professor  
 Department: Political Science

Day	Monday			Tuesday			Wednesday			Thursday			Friday		Saturday	
Time	B.A-I	B.A-II	B.A-III	B.A-I	B.A-II	B.A-III	B.A-I	B.A-II	B.A-III	B.A-I	B.A-II	B.A-III	B.A-II	B.A-III	B.A-II	B.A-III
08.30 am - 09.20 am		Political Science		Political Science					Political Science		Political Science		Political Science			Political Science
09.20 am - 10.10 am	Political Science				Political Science		Political Science			Political Science						Political Science
10.10 am - 10.20 am	Short Recess															
10.20 am - 11.10 am						Political Science		Political Science				Political Science		Political Science		
11.10 am - 12.00 pm			Political Science						Political Science						Political Science	
12.00 pm - 12.50 pm						Political Science										Political Science
12.50 pm - 01.40 pm												Political Science				

Name of Faculty with Qualification: Mr. Nhavekar S. T. (M.A. SET)  
 Workload per Week: FY B.A. = 04 Lectures, SY B.A. = 6 Lectures, TY B.A. = 11 Lectures,  
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 Head  
 Political Science Department  
 (Mr. Nhavekar S. T.)



  
 Principal  
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DEPARTMENT OF POLITICAL SCIENCE  
Annual Departmental Planning 2022-2023

Month	Activities Proposed
June, 2022	Counseling of XII pass students for admission
	Admission Process
July, 2022	Staff Meeting - Planning of Departmental Activities
	Workload distribution & Annual Teaching Plan
August, 2022	Starting of F.Y.B.A/ S.Y.B.A/T.Y.B.A Classes.
	Paper Writing, Project Report Distribution to F.Y.B.A/ S.Y.B.A/T.Y.B.A students
September, 2022	Group Distribution, Seminar activity for F.Y.B.A/ S.Y.B.A/ T.Y.B.A students
October, 2022	University Internal Evaluation for T.Y.B.A. Students
	Power Presentations for. F.Y.B.A/ S.Y.B.A/T.Y.B.A students
November, 2022	F.Y.B.A/S.Y.B.A/T.Y.B.A Semester and Theory Examination
	Submission of First Term Lesson Notes
	Syllabus completion reports to Principal
	Starting of Semester Session II – Lecturers
December, 2022	Starting of S.Y.B.A/T.Y.B.A Classes.
	Group Distribution, Seminar activity for F.Y.B.A/ S.Y.B.A/ T.Y.B.A students
January, 2023	Power Presentations for. F.Y.B.A/ S.Y.B.A/T.Y.B.A students
	Seminar Activity for S.Y.B.A/T.Y.B.A students
February, 2023	Unit tests for F.Y.B.A/ S.Y.B.A/T.Y.B.A students
March, 2023	Unit tests, Home Assignment for F.Y.B.A/ S.Y.B.A/T.Y.B.A
	Group Discussions, Seminar activity, film show for F.Y.B.A/ S.Y.B.A/T.Y.B.A students
April, 2023	Semester/Term and Examinations
	Submission of Second term Lesson Notes, Syllabus completion reports to Principal.

  
Head  
Dept. of Political Science



  
Principal  
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**DEPARTMENT OF POLITICAL SCIENCE**  
**ANNUAL TEACHING PLAN 2022 - 2023**  
**CLASS: - F.Y.B.A. SEMESTER:-I PAPER NO. I**  
**TITLE: INDIAN POLITICAL SYSTEM**  
**SUB-TITLE: THE CONSTITUTIONAL FRAMEWORK**

MONTH	Module	Sub - Module
JULY & AUGUST	Introduction to the Constitution	1.1 Brief History of the Making of Constitution
		1.2 Preamble
		1.3 Basic Features
SEPTEMBER	Citizens and the Constitution	2.1 Fundamental Rights – Arts 14 to 19
		2.2 Fundamental Rights – Arts 20 to 32
		2.3 Directive Principles of State Policy
OCTOMBER	Legislature and Judiciary	3.1 Parliament
		3.2 Judicial System – Original and Writ Jurisdiction
		3.3 Judicial Activism
NOVEMBER	Executive	4.1 Union Executive – The President
		4.2 Prime Minister and Council of Ministers
		4.3 Local Self-Government – 73 <sup>rd</sup> , 74 <sup>th</sup> , Amendments and their Implementation

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**Department of Political Science**  
**ANNUAL TEACHING PLAN 2022 - 2023**  
**CLASS: - F.Y.B.A. SEMESTER: - II PAPER NO. I**  
**TITLE: INDIAN POLITICAL SYSTEM**  
**SUB-TITLE: INDIAN POLITICAL PROCESS**

MONTH	Module	Sub - Module
DECEMBER & JANUARY	Changing Nature of Federal System	1.1 Centre-State Relations with Reference to Fiscal and Emergency Powers
		1.2 Demand For Greater Autonomy
		1.3 Changing Dynamics of Centre - State Relations
FEBRUARY	Party Politics And Elections	2.1 National Parties – Features
		2.2 Regional Parties –Characteristics
		2.3 Analysis of Electoral Performance of National and Regional Parties Since 1989
MARCH	Social Dynamics	3.1 Caste (With Reference to Reservation)
		3.2 Religion (With Reference to Communalism)
		3.3 Gender (With Reference to Political Participation)
APRIL	Challenges to National Security	4.1 Criminalisation of Politics
		4.2 Internal Threats to Security (With Reference to Naxalism and Insurgency)
		4.3 Global Terrorism

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Department of Political Science

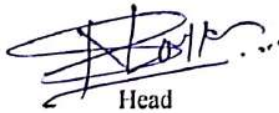
ANNUAL TEACHING PLAN 2022 - 2023

CLASS: - S.Y.B.A. SEMESTER: - III PAPER NO. II


TITLE: POLITICAL THEORY

**SUB-TITLE: PRINCIPLES AND CONCEPTS OF POLITICAL THEORY**

MONTH	Module	Sub - Module
JUNE & JULY	Introduction to Political Theory	1.1 Definition Scope of Political Theory
		1.2 Approaches to the Study of Political Theory: Traditional
		1.3 Approaches to the Study of Political Theory: Contemporary
AUGUST & SEPTEMBER	State, Civil Society & Market	2.1 State: Concept and Perspectives
		2.2 Nation State: Meaning and Changing Perceptions
		2.3 State, Civil Society and Market
OCTOMBER	Power, Authority and Legitimacy	3.1 Power
		3.2 Authority
		3.3 Legitimacy
NOVEMBER	Concept of Law and Political Obligation	4.1 Concept of Law
		4.2 Political obligation
		4.3 Right to Resist

  
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Department of Political Science  
ANNUAL TEACHING PLAN 2022 - 2023  
CLASS: - S.Y.B.A. SEMESTER: - IV PAPER NO. II  
TITLE: POLITICAL THEORY  
SUB-TITLE: POLITICAL VALUES AND IDEOLOGIES

MONTH	Module	Sub - Module
DECEMBER	Rights	1.1 Meaning and Nature of Rights
JANUARY		1.2 Theories of Rights
		1.3 Classification of Rights
FEBRUARY	Basic Political Values	2.1 Liberty
		2.2 Equality
		2.3 Justice
MARCH	Democracy	3.1 Theories of Democracy
		3.2 Principles of Liberal Democracy
		3.3 Conditions for the Successful Working of Democracy
APRIL	Political Ideologies	4.1 Marxism
		4.2 Fascism
		4.3 feminism

  
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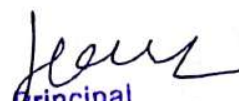
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Department of Political Science  
ANNUAL TEACHING PLAN 2022 - 2023  
CLASS: - S.Y.B.A SEMESTER: - III PAPER NO. III  
TITLE: - PUBLIC ADMINISTRATION

MONTH	Module	Sub - Module
JUNE & JULY	Introduction to Public Administration	1.1 Meaning, Scope and Significance
		1.2 Evolution of Public Administration as a Discipline
		1.3 Public Administration in the Age of Liberalisation, Privatisation and Globalisation
AUGUST & SEPTEMBER	Theories of Administration	2.1 Scientific Management Theory - F.W. Taylor
		2.1 Bureaucratic Theory - Max Weber
		2.3 Human Relations Theory - Elton Mayo
OCTOMBER	Basic Principles and Theories of Organisation	3.1 Hierarchy, Delegation, Centralisation- Decentralisation
		3.2 Motivation Theories – McGregor, Mc Clelland
		3.3 Leadership Theories - Trait Theory, Contingency Theory
NOVEMBER	Contemporary Techniques and Practices in Administration	4.1 Good Governance
		4.2 E-Governance
		4.3 Public-Private Partnership (PPP)

  
Head  
Dept. of Political Science



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.




Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)

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**Department of Political Science**  
**ANNUAL TEACHING PLAN 2022 - 2023**  
**CLASS: - S.Y.B.A. SEMESTER: - IV PAPER NO. III**  
**TITLE: INDIAN ADMINISTRATION**

MONTH	Module	Sub - Module
DECEMBER	Introduction to Indian Administration	1.1 Evolution and Constitutional Context
JANUARY		1.2 Salient Features
		1.3 District Administration since Independence: Changing role of District Collector
FEBRUARY	Personnel Administration	2.1 Recruitment: All India Services, Central Services, State Services
		2.2 Public Service Commission: Union Public Service Commission and Maharashtra Public Service Commission
		2.3 Training: All-India Services, Central Services, State Services (Maharashtra)
MARCH	Financial Administration	3.1 Budgetary Process
		3.2 Parliamentary Committees: Public Accounts Committee, Estimates Committee, Committee on Public Undertakings
		3.3 Comptroller and Auditor General
APRIL	Contemporary Issues in Indian Administration	4.1 Integrity in Administration: Lokpal, Lokyukta, CVC
		4.2 Citizen and Administration
		4.3 Citizens' Charter

  
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Rajapur, Dist. Ratnagiri



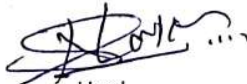


**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)**

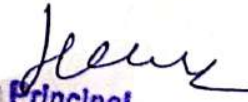
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**Department of Political Science**  
**ANNUAL TEACHING PLAN 2022 - 2023**  
**CLASS: - T.Y.B.A. SEMESTER: - V PAPER NO. IV**  
**TITLE: - INTERNATIONAL RELATIONS**  
**SUB-TITLE: WORLD POLITICS**

MONTH	Module	Sub - Module
JUNE & JULY	Concepts and Approaches	1.1 International Relations, International Politics - Definition, Scope and Relevance
		1.2 Approaches: Realism and Liberalism
		1.3 Concepts: Power, National Interest and Balance of Power
AUGUST & SEPTEMBER	World Order	2.1 Cold War: Bipolarity
		2.2 Post-Cold War: Unipolarity, Multipolarity and Non-Polarity
OCTOMBER	Conflict, Peace and Security	3.1 Types of Conflict and Changing nature of Conflict
		3.2 Approaches to Peace: Arms Control, Disarmament and Collective Security
		3.3 Changing Idea of Security: National Security and Human Security
NOVEMBER	International Political Economy	4.1 Bretton Woods Institutions: IMF, World Bank and WTO
		4.2 Regional Economic Integration: European Union
		4.3 Globalisation

  
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Department of Political Science  
ANNUAL TEACHING PLAN 2022 - 2023  
CLASS: - T.Y.B.A. SEMESTER: - VI PAPER NO. IV  
TITLE: - INTERNATIONAL RELATIONS  
SUB-TITLE:- INDIA IN WORLD POLITICS

MONTH	Module	Sub - Module
DECEMBER	Foreign Policy and Diplomacy	1.1 Definition and Objectives
JANUARY		1.2 Diplomacy: Role, Types and Changing Nature
		1.3 Determinants of Foreign Policy with reference to India
FEBRUARY	India and the Major Powers	2.1 U.S.A
		2.2 Russia
		2.3 China
MARCH	India and her Neighbours	3.1 India and SAARC
		3.2 Pakistan and Bangladesh
APRIL	India and International Organisations	4.1 India's Role in the United Nations
		4.2 India and ASEAN

  
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Department of Political Science

ANNUAL TEACHING PLAN 2022 - 2023

CLASS: - T.Y.B.A. SEMESTER: - V PAPER NO. V

TITLE: - POLITICAL THOUGHT

SUB-TITLE:- WESTERN POLITICAL THOUGHT

MONTH	Module	Sub - Module
JUNE & JULY	Modern State	1.1 Niccolo Machiavelli [1469-1527]
		1.2 John Locke [1632-1704]
AUGUST & SEPTEMBER	Liberty and Justice	2.1 John Stuart Mill [1806-1878]
		2.2 John Rawls [1921-2002]
OCTOMBER	Revolution and Hegemony	3.1 Karl Marx [1818-1883]
		3.2 Antonio Gramsci [1891-1937]
NOVEMBER	Feminism and Multiculturalism	4.1 Simone de Beauvoir [1908-1986]
		4.2 Will Kymlicka [1962- till date]

  
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Department of Political Science  
ANNUAL TEACHING PLAN 2022 - 2023  
CLASS: - T.Y.B.A. SEMESTER: - VI PAPER NO. V  
TITLE: - POLITICAL THOUGHT  
SUB-TITLE:- INDIAN POLITICAL THOUGHT

MONTH	Module	Sub - Module
DECEMBER	Ideas on State	1.1 Mahadev Govind Ranade [1842 - 1901]
JANUARY		1.2 Mohandas Karamchand Gandhi [1869 - 1948]
FEBRUARY	Nationalism	2.1 Rabindranath Tagore [1861 - 1841]
		2.2 Vinayak Damodar Savarkar [1883 - 1966]
MARCH	Rational and Radical Reform	3.1 Gopal Ganesh Agarkar [1856 - 1895]
		3.2 Dr. Bhimrao Ramji Ambedakar [1891 - 1956]
APRIL	Socialism	4.1 Jawaharlal Nehru [1889 - 1964]
		4.2 Ram Manohar Lohia [1910 - 1967]

  
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Department of Political Science


ANNUAL TEACHING PLAN 2022 - 2023

CLASS: - T.Y.B.A. SEMESTER: - V PAPER NO. VI

TITLE: - POLITICAL PROCESS IN MODERN MAHARASHTRA

SUB-TITLE:- POLITICS OF MODERN MAHARASHTRA

MONTH	Module	Sub - Module
JUNE & JULY	Historical Background	1.1 Evolution of the Idea of Maharashtra
		1.2 Nationalist Movement and Social Reform Movement
		1.1 Sanyukta Maharashtra Movement
AUGUST & SEPTEMBER	Sub-Regionalism, Regional Disparity and Development	2.1 Konkan, Marathwada & Vidarbha
		2.2 Dandekar Committee Report
		2.3 Statutory Development Boards
OCTOMBER	Political Institutions in Maharashtra	3.1 State Legislature: Composition and Functions
		3.2 Chief Minister and Council of Ministers: Role
		3.3 High Court and Subordinate Courts
NOVEMBER	Caste and Politics in Maharashtra	4.1 Dominant Caste Politics
		4.2 Dalit Politics
		4.3 OBC Politics

  
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Department of Political Science

ANNUAL TEACHING PLAN 2022 - 2023

CLASS: - T.Y.B.A. SEMESTER: - VI PAPER NO. VI

TITLE: - POLITICAL PROCESS IN MODERN MAHARASHTRA

SUB-TITLE:- DETERMINANTS OF POLITICS OF MAHARASHTRA

MONTH	Module	Sub - Module
DECEMBER	Political Economy of Maharashtra	1.1 Business and Politics
JANUARY		1.2 Politics of Cooperatives
		1.3 Land Issues: Urban and Rural
FEBRUARY	Political Parties	2.1 Indian National Congress (I), Nationalist Congress Party and Bharatiya Janata Party
		2.2 Republican Party of India, Peasants and Workers Party, Shiv Sena and Maharashtra Nav Nirman Sena
		2.3 Coalition Politics
MARCH	Contemporary Issues and Movements	3.1 Tribal Issues
		3.2 Farmers Movements and agitations
APRIL	Civil Society Initiatives and Alternative Models of Development	4.1 Civil Society - Concept and Nature
		4.2 Movements for the right to Information in Maharashtra
		4.3 Initiatives for Protection of environment

  
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**Department of Political Science**  
**SYLLABUS COMPLETION REPORT**  
**Semester - I, III & V (2022-2023)**

To,  
Principal,  
AMA & NCS College, Rajapur.

I am Mr. Nhavelkar Sudhir Tulashidas, Assistant professor of Political Science hereby  
Declare that I have completed the syllabus of following courses as per the University of Mumbai  
norms. The details are given below:

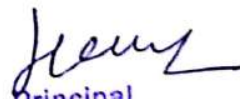
Sr. No.	Class	Course	Topics	Completed or NOT
01	F.Y.B.A. Political Science	(Semester I) Indian Political System: The Constitutional Framework Paper I	Unit 1. Introduction to the constitution Unit 2. Citizens and the constitution Unit 3. Legislature and Judiciary Unit 4. Executive	Completed
02	S.Y.B.A. Political Science	(Semester III) Political theory: Principles and concepts of Political Theory Paper II	Unit 1. Introduction to Political Theory Unit 2. State, Civil Society & Market Unit 3. Power, Authority and Legitimacy Unit 4. Concept of Law and Political Obligation	Completed
03	S.Y.B.A. Political Science	(Semester III) Public Administration Paper III	Unit 1. Introduction to Public Administration Unit 2. Theories of Administration Unit 3. Basic Principles and Theories of Organization Unit 4. Contemporary Techniques and Practices in Administration	Completed



Sr. No.	Class	Course	Topics	Completed or NOT
04	T.Y.B.A. Political Science	(Semester V) International Relations: World Politics Paper IV	Unit 1. Concepts and Approaches Unit 2. World Order Unit 3. Conflict, Peace and Security Unit 4. International Political Economy	Completed
05	T.Y.B.A. Political Science	(Semester V) Political Thought: Western Political Thought Paper V	Unit 1. Modern State Unit 2. Liberty and Justice Unit 3. Revolution and Hegemony Unit 4. Feminism and Multiculturalism	Completed
06	T.Y.B.A. Political Science	(Semester V) Political Process in Modern Maharashtra: Politics of Modern Maharashtra Paper VI	Unit 1. Historical Background Unit 2. Sub-regionalism, Regional Disparity And Development Unit 3. Political Institutions in Maharashtra Unit 4. Caste and Politics in Maharashtra	Completed

  
Head

Department of Political Science

  
Principal  
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**Department of Political Science**  
**SYLLABUS COMPLETION REPORT**  
**Semester - II, IV & VI (2022-2023)**

To,  
Principal,  
AMA & NCS College, Rajapur.

I am Mr. Nhavekar Sudhir Tulashidas, Assistant professor of Political Science hereby  
Declare that I have completed the syllabus of following courses as per the University of Mumbai  
norms. The details are given below:

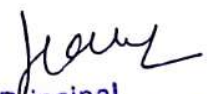
Sr. No.	Class	Course	Topics	Completed or NOT
01	F.Y.B.A. Political Science	(Semester II) Indian Political System: Indian Political Process Paper I	Unit 1. Changing Nature of Federal System Unit 2. Party Politics and Elections Unit 3. Social Dynamics Unit 4. Challenges to National Security	Completed
02	S.Y.B.A. Political Science	(Semester IV) Political theory: Political Values and Ideologies Paper II	Unit 1. Rights Unit 2. Basic Political Values Unit 3. Democracy Unit 4. Political Ideologies	Completed
03	S.Y.B.A. Political Science	(Semester IV) Indian Administration Paper III	Unit 1. Introduction To Indian Administration Unit 2. Personnel Administration Unit 3. Financial Administration Unit 4. Contemporary Issues In Indian Administration	Completed



Sr. No.	Class	Course	Topics	Completed or NOT
04	T.Y.B.A. Political Science	(Semester VI) International Relations: India in World Politics Paper IV	Unit 1. Foreign Policy and Diplomacy Unit 2. India and the Major Powers Unit 3. India and her Neighbours Unit 4. India and International Organisations	Completed
05	T.Y.B.A. Political Science	(Semester VI) Political Thought: Indian Political Thought Paper V	Unit 1. Ideas on State Unit 2. Nationalism Unit 3. Rational and Radical Reform Unit 4. Socialism	Completed
06	T.Y.B.A. Political Science	(Semester VI) Political Process in Modern Maharashtra: Determinants of Politics of Maharashtra Paper VI	Unit 1. Political Economy of Maharashtra Unit 2. Political Parties Unit 3. Contemporary Issues and Movements Unit 4. Civil Society Initiatives and Alternative Models of Development	Completed

  
Head

Department of Political Science

  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.







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Rayat Shikshan Sanstha's

**ABASAHEB MARATHE  
ARTS & NEW COMMERCE, SCIENCE COLLEGE,  
RAJAPUR (VIKHARE-GOTHANE )**

Dist. Ratnagiri, Maharashtra - 416702 Ph. 02353-221002/221003, Fax : 02353- 221003

E-mail : abasahebmarathecollege@gmail.com



**TEACHER'S PERSONAL INFORMATION**

**ACADEMIC DIARY**

Name of the Teacher

Mr. Khavelkar Sudhir Tulashidas

Department of Subject

Political Science

**Year 20<sup>22</sup> - 20<sup>23</sup>**





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Rayat Shikshan Sanstha's

**ABASAHEB MARATHE**

**ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR**

(Vikhare Gothane), Dist. Ratnagiri - 416 702

Estd. June, 1994



**TEACHER'S PERSONAL INFORMATION**

**ACADEMIC YEAR - 20~~22~~2023**

Name in Full : Nhavelkar Sudhir Tulashidas

Qualification : M.A, set Department : political science.

Designation : Asst. Prof Date of Appointment : 01/09/2019

Present Pay Scale : \_\_\_\_\_

P. F. A/C No. : \_\_\_\_\_ PAN No. : AWBPN 8202 A

Bank A/C No. : \_\_\_\_\_

**RESIDENTIAL ADDRESS**

Ap/10 - Panchayat Samiti (quarters)

Rajapur. Tal - Rajapur.

Dist - Ratnagiri, Maharashtra - 416702

Ph. No. \_\_\_\_\_ E-mail : nhavelkarsudhir@gmail.com

Fax : \_\_\_\_\_ College E-mail : \_\_\_\_\_

Mobile No. : 9225818524.



# ACADEMIC DIARY

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## INDIVIDUAL TIME TABLE

Academic Year - 2022 - 2023

College Timings

Department Of: political science.

Period No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1.	8:30 am	BA III	BA I	BA III	BA II	BA III	BA III
2.	9:20 am	-	-	BA III	BA I	-	BA II
3.	10:10 am 10:20 am	-----	Shoot	Recess	-----	-----	-----
4.	10:20 am	BA III	-	BA II	BA III	BA II	BA I
5.	11:10 am	BA II	BA III	-	-	-	BA II
6.	12:00 pm	-	-	BA III	-	BA III	BA III
7.	12:50 pm	-	BA III	-	-	-	-
8.							
9.							

Sign of Teacher \_\_\_\_\_

Head of the Department \_\_\_\_\_

Principal \_\_\_\_\_  
A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.

Total No. of Periods Per Week 21





## TEXT BOOKS AND REFERENCE BOOKS

(Give the list of Prescribed text Books/Reference Books/Audio Visual aids & other resource material consulted)

Class	Subject	Paper	Titles of the Books, Journals, Periodicals & Magazines etc.	Author & Publications
FY.B.A.	Pol. Sci.	I	भारतीय राजकीय व्यवस्था	महेश भागवत, मेधा लाडरे
-	-	-	भारतीय शासन आणि राजकारण	प्रा. बी. बी. पाटील (कडके प्र.)
SY.B.A.	-II-	II	लोकप्रशासन राजकीय सिद्धान्त	अशोक जैन / भास्करभोळे
	-II-	III	लोकप्रशासन	प्रा. बी. बी. पाटील (कडके प्र.)
TY.B.A.	-II-	IV	आंतरराष्ट्रीय संबंध	प्रा. बी. बी. पाटील (कडके प्र.)
	-II-	V	राजकीय विचार	प्रा. आ. ल. मोळे
	-II-	VI	प्राथमिक महाराष्ट्र राज्य राजकारण	डॉ. अशोक जैन (कडके प्र.)
			लोकशासन - मासिक	महाराष्ट्र शासन
			योजना - मासिक	महाराष्ट्र शासन
			राज्यशासन कौशल	डॉ. व्ही. आर. नाईकी
				(दा. अमंड प्रकाशन)

## CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

### Synopsis / Lesson Notes

Day Monday	Class BA III	Subject/Practical political science	Period No. 1 III
---------------	-----------------	--	---------------------

पेपर - नं - 5 काव्यालय राजकीय विचार  
शासुनिक राज्य - मैथिली

जन्म - 1463 - मृत्यु - 1527

सावित्री, धर्मनिरीक्षण, शक्तिशास्त्री शब्दाची कल्पना

Day Date	Class BA III	Subject/Practical P. C	Period No. 3
-------------	-----------------	---------------------------	--------------

मनुष्य स्वभाव

मुर्ख, दुर्बल, अहंकारी, क्रमशः, स्वार्थी, कपटी, लोभी  
धर्म व राजकारणासंबंधी विचार  
1) धर्म व राजकारणाची काळजी

Day Date	Class BA II	Subject/Practical	Period No. 4
-------------	----------------	-------------------	--------------

पेपर - नं 2 राजकीय विचार

केंद्रीक पोसाक - राजकारणासंबंधीचे शास्त्र

जंकवसन - राजकीय प्रश्ना सोडवून काढणे

राजकीय स्वल्प ① निवृत्त पद्धतीकडे जांणी ② तत्वप्रवासाचा अर्थ  
③ प्रध्यानात्मक पद्धतीकडे जांणी ④ पद्धतशीर विनयाचा प्रकार.

Signature of the Teacher

Principal

Signature of the Head

A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.





**CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME**

Synopsis / Lesson Notes

Day Tuesday	Class	Subject/Practical	Period No. 1
Date 3/08/22	BA I	Political Science	


कलम 49 राष्ट्रीय स्मारके स्थाने वस्तुंचे संरक्षण  
कलम 80 न्याय क्षेत्रा कार्यक्षेत्री क्षेत्रेपालुन विभक्त  
कलम 51 भांतरराष्ट्रीय शांतता व सुरक्षेचे संवर्धन  
भारतीय नागरिकांची मूलभूत कर्तव्ये  
1976 - 42वी सं. द्रु कलम 51 (A)

Day	Class	Subject/Practical	Period No. 4
Date	BA III		

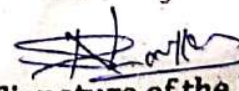
राष्ट्रीय सुरक्षितता - 1) देशाच्या भौगोलिकनेशी संबंधित - राज्यकेट्टी  
2) देशा भांतरराष्ट्रीय शांततागत हितसंबंधावळुन होणारे संघर्ष अटक  
3) नवकासपवाद - अराजकी भांतरराष्ट्रीय व्यवस्था  
4) राष्ट्रीय जीवनाच्या अविभाज्य अटक  
5) राष्ट्रीय सुरक्षिततेत राष्ट्रीय हित महत्वाचे

Day	Class	Subject/Practical	Period No. 6
Date	BA III		

राष्ट्रीय सुरक्षितता -  
6) अंतर्गत मुल्यांचे परकीय सन्नेपालुन संरक्षण  
7) ज्या उपाययोजना केल्या जातात - अंतर्गत व परकीय  
विरुद्ध - राष्ट्रीय सुरक्षा

  
Signature of the Teacher

  
Principal

  
Signature of the Head

A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.





दिनांक 23/10/22 ते 06/11/22

CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME			
Synopsis / Lesson Notes			
Days <u>saturday</u> Date <u>22/10/22</u>	Class <u>BA III</u>	Subject/Practical <u>political science</u>	Period No. <u>1</u>
<p>रिपब्लिकन पक्षामध्ये वारंवार मतभेद होत राहिल्याने डॉ. कांबेकरांच्या विचारातील रिपब्लिकन पक्षाचे काम नाही झाले. डॉ. कांबेकरांच्या यांच्यासारखे नेतृत्व या समाजातील लोकांना लाभले नाही.</p>			
Day <u>2</u> Date	Class <u>BA II</u>	Subject/Practical	Period No. <u>2</u>
<p>सार्वजनिक - खाजगी भागीदारी - झाले</p> <p>1) लक्ष्यता 2) मुदत 3) निधीना पुरवण 4) उत्तरदायित्व 5) संरक्षण 6) स्वायत्तता 7) संघर्ष / वाद</p>			
Day Date	Class <u>BA I</u>	Subject/Practical	Period No. <u>3</u>
<p>73 व्या घटना दुरुस्तीचे महत्व.</p> <p>BA II Exam मार्गदर्शन S.Y.B.A Students. 4</p> <p>BA III Exam मार्गदर्शन T.Y.B.A Students. 5</p>			
Signature of the Teacher		Principal	Signature of the Head

A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.





# CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME

## Synopsis / Lesson Notes

Day Thursday Date 16/2/23	Class BA II	Subject/Practical Political Science.	Period No. 1
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मिथुनीची संस्थात्मक व्यवस्था  
संस्थात्मक प्रशिक्षणाची व्यवस्था.  
नागरी सेवांच्या तदर्थतेचे तत्व  
भारत सरकार कायदा - 1935

Day Date	Class BA I	Subject/Practical	Period No. 2
-------------	------------	-------------------	--------------

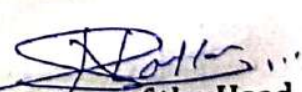
पंजाब अकादी दल  
स्थापना - 14 डिसेंबर 1940 - मुख्यालय - चंकीड  
विवारसर्ग - ऐतिहासिक पार्श्वभूमी, नेतृत्व व पक्षीय कुट

Day Date	Class BA III	Subject/Practical	Period No. 3
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हिंदू राष्ट्रवादाच्या दृष्टिने आवश्यकता शकविलेले  
ठपाय - ① असृश्यता विचार  
② शुद्धी - यत्न

  
Signature of the Teacher

  
प्राचार्य

  
Signature of the Head

आबासाहेब मराठे आर्ट्स अँड न्यू कॉमर्स  
सावन्स कॉलेज राजापूर (वि.गोठणे) जि. रत्नागिरी.

**CLASS & SUBJECT WISE TEACHING/PRACTICAL PROGRAMME**  
Synopsis / Lesson Notes

Day <u>Thursday</u> Date <u>18/4/23</u>	Class <u>BA II</u>	Subject/Practical <u>Political Science</u>	Period No. <u>1</u>
<p align="center"><u>नागरिकांची सनद - ब्रिटेन</u> <u>पुरस्कार - जॉन मेयर</u></p> <p>1) उत्कृष्टता      2) विश्वसनीयता      3) परिणामकारकता 4) जोज्यशीलता      5) मुख्यधारित</p>			

Day Date	Class <u>BA I</u>	Subject/Practical	Period No. <u>2</u>
<p align="center"><u>जागतिक दृष्टांतकाद अर्थ, स्वल्प, प्रकार, क्षेत्र</u> <u>जागतिक दृष्टांतकाद संघटना आणि प्रश्न</u> <u>आरगातील दृष्टांतकादया मुकाबला करव्यावणि संस्था</u></p>			

Day Date	Class <u>BA III</u>	Subject/Practical	Period No. <u>3</u>
<p align="center">Exam</p>			


Signature of the Teacher [Signature]      [Signature]      Signature of the Head

आबासाहेब मराठे आर्यसू उच्च न्यू कॉमर्स  
सायन्स कॉलेज, पुणे (वि.सो.) रत्नागिरी.



### AWARDS / CERTIFICATES

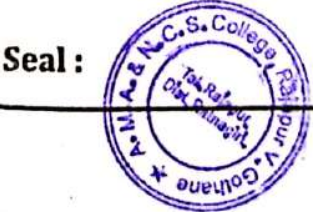
Sr. No.	Title	Date

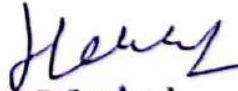
  
Signature of the Teacher



*This is to certify that the details filled in the Academic diary are found correct/incomplete. His/ her performance is good/better/best/ satisfactory/ unsatisfactory/ requires improvement*

Date : 13/04/2023



  
H/c Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.

*" Education through Self Help is our Motto"  
- Karmaveer*



Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts &  
New Commerce, Science College Rajapur**  
(Vikhare Gothane) Rajapur,  
Dist. Ratnagiri.

**RECORD OF ATTENDANCE**

Year 2022 - 2023  
Class F.Y.B.A  
Subject political science.  
Name of the Professor Mr. Nhavekar Sudhis T.



*" Education through Self Help Is our Motto"  
- Karmaveer*



Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts &  
New Commerce, Science College Rajapur**  
(Vikhare Gothane) Rajapur,  
Dist. Ratnagiri.

**RECORD OF ATTENDANCE**

Year	2022 - 2023
Class	S.Y.B.A
Subject	political science
Name of the Professor	Mr. A. Havelkar Sushis T.

*" Education through Self Help is our Motto"  
- Karmaveer*



Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts &  
New Commerce, Science College Rajapur**  
(Vikhare Gothane) Rajapur,  
Dist. Ratnagiri.

**RECORD OF ATTENDANCE**

Year 2022 - 2023  
Class T.Y.B.A  
Subject political science.  
Name of the Professor Mr. Nhavekar Sudhir T.



SET - A

F.Y.B.A.  
Semester-II

Indian Political Process – I

Time: 3 Hours  
Total Marks: 100

Please check whether you have got the right question paper.

- सूचना: १. सर्व प्रश्न सोडविणे अनिवार्य आहेत.  
२. सर्व प्रश्नांना समान गुण आहेत.  
३. उजवीकडील अंक गुण दर्शवितान्त.

- .....
- प्र.१ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) भारतीय राज्यघटनेची केंद्राकर्षी वैशिष्ट्ये स्पष्ट करा. १०
- ब) घटक राज्यांना अपेक्षित असलेल्या आधिक स्वायत्ततेच्या मागणीवर चर्चा करा. १०
- क) बदलत्या पक्ष पध्दतीचा केंद्र व राज्य संबंधावर कोणता परिणाम होतो आहे ? १०
- प्र.२ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) राष्ट्रीय पक्ष म्हणजे काय? राष्ट्रीय पक्षाची प्रमुख वैशिष्ट्ये सांगा. १०
- ब) 'शिवसेना' या प्रादेशिक पक्षावर चर्चा करा. १०
- क) सन २०१४ च्या लोकसभा निवडणुकीची वैशिष्ट्ये स्पष्ट करा. १०
- प्र.३ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) भारतीय राजकारणातील जातीचे महत्त्व थोडक्यात स्पष्ट करा. १०
- ब) जमातवादावर सविस्तर चर्चा करा. १०
- क) महिलांचा राजकारणातील सहभाग कमी असण्याची कारणे कोणती आहेत ? १०
- प्र.४ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) राजकारणाच्या गुन्हेगारीकरणाची कारणे स्पष्ट करा. १०
- ब) भारतातील नक्षलवादाची कारणे सांगा. १०
- क) दहशतवादाविरुद्धची भारतीय रणनीति स्पष्ट करा. १०
- प्र.५ खालीलपैकी कोणत्याही दोन टीपा लिहा.
- अ) केंद्र व राज्य यांमधील प्रशासकीय संबंध विशद करा. १०
- ब) 'भारतीय राष्ट्रीय काँग्रेस' यावर टिप लिहा. १०
- क) भारतातील आरक्षणावर निबंध लिहा. १०
- .....

SET - B

F.Y.B.A.  
Semester-II

Indian Political Process – I Time: 3 Hours  
Total Marks: 100

Please check whether you have got the right question paper.

- सूचना: १. सर्व प्रश्न सोडविणे अनिवार्य आहेत.  
२. सर्व प्रश्नांना समान गुण आहेत.  
३. उजवीकडील अंक गुण दर्शवितात.

- .....
- प्र.१ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) भारतीय संघराज्याचे स्वरूप स्पष्ट करा. १०
- ब) घटकराज्यांची स्वायत्ततेची मागणी कशी योग्य आहे यावर प्रकाश टाका. १०
- क) केंद्र - राज्य संबंधाचे बदलते पैलू थोडक्यात मांडा. १०
- प्र.२ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) भारतीय राष्ट्रीय काँग्रेस या पक्षाच्या सद्यस्थितीवर चर्चा करा. १०
- ब) महाराष्ट्रातील कोणत्याही एका प्रादेशिक पक्षाच्या कामगिरीचा आढावा घ्या. १०
- क) १९८९ नंतर राष्ट्रीय पक्षांच्या कामगिरीचा थोडक्यात आढावा घ्या. १०
- प्र.३ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) भारतातील जात आणि राजकारण यातील परस्परसंबंध स्पष्ट करा. १०
- ब) 'जमातवाद' म्हणजे काय ते सांगून भारतातील जमातवादाच्या कारणांची चर्चा करा. १०
- क) स्त्रियांच्या राजकारणातील अल्प सहभागाची कारणे स्पष्ट करा. १०
- प्र.४ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) भारतातील राजकारणातील गुन्हेगारीच्या वाढीची कारणे काय आहेत? १०
- ब) भारतातील नक्षलवादाची कारणे सांगा. १०
- क) जागतिक दहशतवादाच्या वाढीवर टिपणी करा. १०
- प्र.५ खालीलपैकी कोणत्याही दोन टीपा लिहा.
- अ) भाजप-शिवसेना युतीविषयी विश्लेषणात्मक माहिती लिहा. १०
- ब) केंद्र व राज्यांमधील आर्थिक संबंध विशद करा. १०
- क) केंद्र सरकारच्या आणीबाणी विषयक अधिकारांची चर्चा करा. १०
- .....



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College, Rajapur. Dist. Ratnagiri.

Department: Political Science  
Semester: - VI  
Year: 2022-2023

Sr. No.	Class	Subject	Paper No.	Teacher Name	Qualification	Joining Date In College	Total Student	Service In College	Total Student In Class	Appered Student In Class	Students Obtaining Marks / Grade						Percentage Result			Sign of Head	
											O	A	B	C	D	E	F	Paper	Subject		University Result
											90-100	80-89	70-79	60-69	50-59	40-49	00-39				
1	TYBA	India In World Politics	IV	Prof. Nhavekar S.T	M.A. SET	01/09/2019	06	04	06	05	-	-	-	01	01	03	-	IV	100%		<i>[Signature]</i>
2	TYBA	Indian Political Thought	V	Prof. Nhavekar S.T	M.A. SET	01/09/2019	06	04	06	05	-	-	-	-	01	03	01	V	80%		<i>[Signature]</i>
3	TYBA	Determinants of Politics of Maharashtra	VI	Prof. Nhavekar S.T	M.A. SET	01/09/2019	06	04	06	05	-	-	02	-	03	-	-	VI	100%		<i>[Signature]</i>

Place: Rajapur

Date: 14 / 07 / 2023

*[Signature]*  
Teacher Incharge

Head/ Vice Principal



*[Signature]*  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.

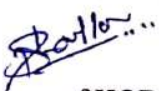
Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur  
Department of Political Science  
Departmental Workload  
(2022-2023)

Name of HOD with Qualification: Mr. Nhavekar S. T. (M.A. SET)

Designation: Assistant Professor

Department: Political Science

Sr. No.	Name of Class	Semester	Name of Paper	Name of Teacher	Number of Lectures Per Week
01	F.Y.B.A.	I	Introduction To Politics	Mr. Nhavekar S. T.	4
02	S.Y.B.A.	III	Political Theory	Mr. Nhavekar S. T.	3
03	S.Y.B.A.	III	Public Administration	Mr. Nhavekar S. T.	3
04	T.Y.B.A.	V	International Relations	Mr. Nhavekar S. T.	4
05	T.Y.B.A.	V	Political thought	Mr. Nhavekar S. T.	4
06	T.Y.B.A.	V	Political Process in Modern Maharashtra	Mr. Nhavekar S. T.	3
Total Workload Per Week					21

  
Signature of HOD  
(Mr. Nhavekar S. T.)



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur  
Department of Political Science  
Individual Workload  
(2022-2023)

**Name of Teacher with Qualification:** Mr. Nhavelkar S. T. (M.A. SET)

**Designation:** Assistant Professor

**Department:** Political Science

Sr. No.	Name of Class	Semester	Name of Paper	Number of Lectures Per Week
01	F.Y.B.A.	I	Introduction To Politics	4
02	S.Y.B.A.	III	Political Theory	3
03	S.Y.B.A.	III	Public Administration	3
04	T.Y.B.A.	V	International Relations	4
05	T.Y.B.A.	V	Political thought	4
06	T.Y.B.A.	V	Political Process in Modern Maharashtra	3
<b>Total Workload Per Week</b>				21



Signature of Teacher  
(Mr. Nhavelkar S. T.)





Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.



*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
(Vikhare-Gothane) Tal: Rajapur, Dist: Ratnagiri, 416 702(MH)**

*Affiliated to University of Mumbai, Mumbai*

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

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## **Department Record**

**Department of Economics**





*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
(Vikhare-Gothane) Tal: Rajapur, Dist: Ratnagiri, 416 702(MH)**

*Affiliated to University of Mumbai, Mumbai*

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

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## **Department of Economics**

### **Index**

<b>Sr. No.</b>	<b>Document</b>
1	Department Meeting Record
2	Department Calendar
3	Department Time Table
4	Individual Time Table
5	Teaching Plan
6	Syllabus Completion Report
7	Department Result Analysis
8	Teaching Diary
9	Attendance Record
10	Question Bank
11	Department Extra Activity/Other Practices
12	Teaching Learning Resources
13	Learning Outcomes

दिनांक: 19-012-2022

नोटीस

अर्थशास्त्र विभागातील सर्व प्रधापाकांना कळविण्यात येते की शैक्षणिक वर्ष सन 2022-23 या साला मध्ये अर्थशास्त्र विभागाची द्वितीय सत्रातील पहिली बैठक दि.21-12-2022 रोजी सकाळी 12:00 वाजता आयोजित केली आहे. या बैठकी मध्ये खालील विषयांवर चर्चा करण्यात येणार आहे.

अर्थशास्त्र विभागातील विद्यार्थ्यांसाठी " E-Banking " या Short-term course चे नियोजन करणे.

सन 2022-23 च्या द्वितीय सत्रा मध्ये Class Seminar, Class Text आयोजित करणे.

सर्व विद्यार्थ्यांची उपस्थिती वाढवण्यासाठी नियोजन करणे.


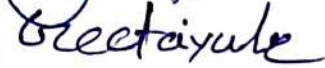
सर्व विद्यार्थ्यांची other activities चे नियोजन करणे.

  
अर्थशास्त्र

विभाग प्रमुख

1. जी. जी. पवार

2. जी. एस. हाके



### बैठकीचे इतिवृत्त

शैक्षणिक वर्ष सन 2022-23 मधील Departmental other activities चे नियोजन करण्यासाठी दिनांक : 21-12-2022 रोजी आयोजित करण्यात आली या बैठकीला

1. प्रा. एन. ए. आर. सोलकर --- अर्थशास्त्र विभाग प्रमुख
2. प्रा. जी.जी. पवार --- सहा. प्राध्यापक
3. प्रा. जी. एस. हाके --- सहा. प्राध्यापक

उपस्थित होते. या बैठकी मध्ये खालील प्रमाणे नियोजन करण्यात आले.

1. अर्थशास्त्र विभागातील " E-Banking " या Short-term course च्या अध्यापना च्या विषयाची विभागणी व वेळापत्रक तयार करण्याचे ठरले.
2. सर्व वर्गातील विद्यार्थ्यांसाठी वर्ग सेमिनार आयोजित करणे
3. विद्यार्थ्यांसाठी द्वितीय सत्रा मध्ये surprise text, assignment, open book text व class text चे आयोजन करण्याचे ठरले.
4. विद्यार्थ्यांसाठी गेस्ट लेक्चर, करियर कौसालिंग चे आयोजन करण्याचे ठरले.
5. विद्यार्थ्यांसाठी P.P.T लेक्चर चे आयोजन करण्याचे ठरले.
6. विद्यार्थ्यांसाठी उपस्थिती वाढण्यासाठी रोज नियमित हजेरी घेण्याचे ठरले.



RayatShikshanSanstha'S

AbasahebMarathe Arts & New Commerce Science, College Rajapur Department: Economics  
ANNUAL DEPARTMENTAL PLANNING 2022-23

Month	Activities Proposed
June 2022	Counselling of XII pass students for admission
	Admission process
	Staff meeting- planning of Departmental activities
	Workload distribution & Annual teaching plan
	Starting of F.Y.B.A. & T.Y.B.Com. classes
July 2022	Starting of F.Y.&S.Y.B.A. ,F.Y.& S.Y.B.Com. classes
	Project distribution to T.Y.B.A. students
August 2022	Seminar activity for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	University internal Evaluation for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Power Point Presentation for F.Y., S.Y. and T.Y.B.A. F.Y.,S.Y. and T.Y.B.Com. students
	Unit Test for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Workload distribution, starting of M.Com I &M.Com.II classes
September 2022	Short Test for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Seminar activity for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Project report submission T.Y.B.A. students
October 2022	Semester end theory Examination
	Submission of first term syllabus completion reports to principal
November 2022	Starting of semester session II lectures of F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. class
	Arrangement of excursion tour for T.Y.B.A. And T.Y.B.Com students
December 2022	Collection of articles from students for Rayatganga F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Power Point Presentation for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Starting of E-Banking Short-Term Course
	Departmental Rangoli competition
January 2023	Seminar activity for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Unit tests for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Departmental Quiz competition
	Field visit
February 2023	Unit tests for F.Y., S.Y. and T.Y.B.A. F.Y., S.Y. and T.Y.B.Com. students
	Theory exam of E-Banking short-term course
	Union Budget discussion
March 2023	Semester I term End Examinations
April 2023	Submission of second term syllabus completion reports to principal

Subject Teacher

Subject Teacher

Head

Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri



ABASAHEB MARATHE ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR

Time - Table

Year: 2022-2023

DEPARTMENT OF ECONOMICS

Time	Mon	Tue	Wed	Thu	Fri	Sat
08:30 To 09:20	B.A. II HGS Paper No. III B.Com I SNAR Paper No. I B.A. III PGG Paper No. VII	B.A. III SNAR Paper No. VII	B.A. II PGG Paper No. I B.A. III HGS Paper No. XI	B.A. III PGG Paper No. VII	B.Com I SNAR Paper No. I B.A. III HGS Paper No. XII	B.A. III SNAR Paper No. X B.Com. II HGS Paper No. II, F.C.
09:20 To 10:10	B.A. III SNAR Paper No. VII B.Com. II PGG Paper No. III	B.A. III PGG Paper No. VII B.A. I SNAR Paper No. I B.Com III HGS Paper No. III	B.A. III HGS Paper No. XI B.Com. II PGG Paper No. III	B.A. II HGS Paper No. II B.A. III SNAR Paper No. X B.Com. II PGG Paper No. III	B.A. III PGG Paper No. IX	B.Com III HGS Paper No. III B.A. III SNAR Paper No. X
SHORT - RESESS						
10:20 To 11:10	B.A. III HGS Paper No. XI B.Com I SNAR Paper No. I	B.A. III SNAR Paper No. VII B.Com. II HGS Paper No. II, F.C.	B.A. I SNAR Paper No. I B.A. III PGG Paper No. VII	B.A. III PGG Paper No. IX B.Com III HGS Paper No. III B.A. I SNAR Paper No. I	B.A. III SNAR Paper No. X	B.A. III HGS Paper No. XII
11:10 To 12:00	B.A. I SNAR Paper NO. I B.Com. II HGS Paper No. II, F.C.	B.A. II HGS Paper No. II	B.A. III SNAR Paper No. VII B.A. II PGG Paper No. I	B.A. III GSH Paper No. XI B.A. II PGG Paper No. I	B.A. III HGS Paper No. XII	B.A. III PGG Paper No. IX

Subject Teacher

Subject Teacher

Department of Economics

Rajapur, (V. Gothne) Dist. Ratnagiri.

H.O.D.

Principal

A.M.A. & N.C.S. College

RayatShikshanSanstha's  
ABASAHB MARATHE ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR  
WORK LOAD

Year: 2022-2023

DEPARTMENT OF ECONOMICS

**Asst.Prof. &Head :Solkar N. A. R.**

1. B.A. I : Micro Economics :-	Paper No. I	04 Period
2. B.Com. I : Business Economics :-	Paper No. I	03 Period
3. B.A. III : Advance Micro Economics :-	Paper No. VII	04 Period
4. B.A. III : Research Methodology :-	Paper No. X	04 Period

Total Work Load = 15 Period per Week

**Asst. prof:- Mr. Pawar G. G.**

1. B.A. II : Macro Economy :-	Paper No. III	03 Period
2. B.Com. II : Business Economics :-	Paper No. III	03 Period
3. B.A. III : Economics of Growth and Development :-	Paper No. VII	04 Period
4. B.A. III : Economics of Agri and Co-op:-	Paper No. IX	03 Period


Total Work Load = 13 Period per Week

**Asst. prof:-Mrs. Hake G. S.**


1. B.A. II: Indian Economy :-	Paper No. I	03 Period
2. B.Com. III: Business Economics :-	Paper No. V	03 Period
3. B.A. III: Environmental Economics-I :-	Paper No. XI	04 Period
4. B.A. III: History of Economics Thought :-	Paper No. XII	03 Period
5. B.Com. II: Foundation Course :-	Paper No. II	03 Period

Total Work Load = 16 Period per Week

  
Subject Teacher

  
Subject Teacher

  
H.O.D.  
Department of Economics

  
Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Rahagiri.



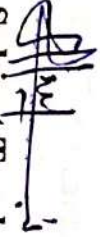
Time	Mon	Tue	Wed	Thu	Fri	Sat
08:30 To 09:20	B.Com I SNAR Paper No. I	B.A.III SNAR Paper No. VII			B.Com I SNAR Paper No. I	B.A. III SNAR Paper No. X
09:20 To 10:10	B.A. III SNAR Paper No. VII	B.A.I SNAR Paper No. I		B.A. III SNAR Paper No. X		B.A.III SNAR Paper No. X
10:20 To 11:10	B.Com I SNAR Paper No. I	B.A.III SNAR Paper No. VII	SHORT - RESESS			
11:10 To 12:00	B.A. I SNAR Paper NO. I		B.A. I SNAR Paper No. I	B.A. I SNAR Paper No. I	B.A. III SNAR Paper No. X	

**WORK LOAD :**

1. B.A. I : Micro Economics :-
2. B.Com. I : Business Economics :-
3. B.A. III : Advance Micro Economics :-
4. B.A. III : Research Methodology :-

Paper No. I      04 Period  
 Paper No. II      03 Period  
 Paper No. IV      04 Period  
 Paper No. VII      04 Period

Total Work Load = 15 Period per Week

  
 Subject Teacher  
 (Solkar N. A. R.)

  
 H.O.D.  
 Department of Economics

  
 Principal  
 A.M.A.&N.C.S.College  
 Rajapur,(V.Gothne)Dist.Ratnagiri.

Asst. Prof:- Mr. Pawar G. G.

Time - Table

Year: 2022-2023

## DEPARTMENT OF ECONOMICS

Time	Mon	Tue	Wed	Thu	Fri	Sat
08:30 To 09:20	B.A. III PGG Paper No. VII		B.A. II PGG Paper No. I	B.A. III PGG Paper No. VII		
09:20 To 10:10	B.Com. II PGG Paper No. III	B.A III PGG Paper No. VII	B.Com. II PGG Paper No. III	B.Com. II PGG Paper No. III	B.A. III PGG Paper No. IX	
10:20 To 11:10			SHORT - RESESS			
11:10 To 12:00			B.A III PGG Paper No. VII B.A. II PGG Paper No. I	B.A. III PGG Paper No. IX B.A. II PGG Paper No. I		B.A. III PGG Paper No. IX


## WORK LOAD :

1. B.A. II : Macro Economy :-
2. B.Com. II : Business Economics :-
3. B.A. III : Economics of Growth and Development :-
4. B.A. III : Economics of Agri and Co-op:-

Paper No. III 03 Period  
 Paper No. II 03 Period  
 Paper No. VII 04 Period  
 Paper No. IX 03 Period

Total Work Load = 13 Period per Week

  
 Subject Teacher  
 (Pawar G. G.)

  
 H.O.D.  
 Department of Economics

  
 Principal  
 A.M.A.&N.C.S.College  
 Rajapur.(V.Gothne)Dist.Ratnagiri.



Time - Table  
**DEPARTMENT OF ECONOMICS**

Year: 2022-2023

Time	Mon	Tue	Wed	Thu	Fri	Sat
08:30 To 09:20	B.A. II HGS Paper No. III		B.A. III HGS Paper No. XI		B.A. III HGS Paper No. XII	B.Com. II HGS Paper No. II, F.C.
09:20 To 10:10		B.Com III HGS Paper No. III	B.A. III HGS Paper No. XI	B.A. II HGS Paper No. II		B.Com III HGS Paper No. III
SHORT - RESESS						
10:20 To 11:10	B.A. III HGS Paper No. XI	B.Com. II HGS Paper No. II, F.C.		B.Com III HGS Paper No. III		B.A. III HGS Paper No. XII
11:10 To 12:00	B.Com. II HGS Paper No. II, F.C.	B.A. II HGS Paper No. II		B.A III GSH Paper No. XI	B.A. III HGS Paper No. XII	

**WORK LOAD :**

- |   |               |
|---|---------------|
| 1. B.A. II : Indian Economy :-                | Paper No. III |
| 2. B.Com. III : Business Economics :-         | Paper No. II  |
| 3. B.A. III : Environmental Economics-I :-    | Paper No. VII |
| 4. B.A. III : History of Economics Thought :- | Paper No. IX  |
| 5. B.Com. II: Foundation Course :-            | Paper No. II  |

Total Work Load = 16 Period per Week

*Gadgaol*  
 Subject Teacher  
 (Hake G. S.)

Department of Economics

*H.O.D.*  
 H.O.D.

*Principal*  
 Principal  
 A.M.A. & N.C.S. College  
 Rajapur, (V. Gotne) Dist. Ratnag

Miss. Solkar N.A.R.,  
Assistant Professor in Economics  
A.M.A & N.C.S. College, Rajapur  
Date: 23 Oct. 2022

To,  
The Principal,  
A.M.A & N.C.S. College, Rajapur,

**Sub: Syllabus completion report**

Respected Sir,

With reference to above subject, I have completed syllabus allocated to me in first ,third and five semester in academic year 2022 -2023. The details of the same are as follows.

Sr.No	class	Paper Name	Unit completed
1.	F. Y. B.A.	Micro Economics	I. Introduction to Microeconomics II. Ten Principles of Economics III. Markets, Demand and Supply IV. Consumer's Behavior
2.	F. Y. B.Com.	Business Economics	I. Introduction : Scope and Importance of Business Economics II. Demand Analysis III. Supply and Production Decisions IV. Cost of Production
3.	T. Y. B.A.	Advanced Microeconomics -III	I. General Equilibrium and Welfare Economics II. Market Structure: Monopoly and Monopolistics Competition III. Oligopoly IV. Information Economic
4.	T. Y. B.A.	Research Methodology	I. Introduction to Research II. Formulation of Problem in Social Science Research III. Type of Data: Primary and Secondary IV. Representation and Analysis Data:

  
Subject Teacher

  
HoD

  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.





Miss. Solkar N.A.R.  
Assistant Professor in Economics  
A.M.A & N.C.S. College, Rajapur  
Date: 19 Apr. 2023


To,  
The Principal,  
A.M.A & N.C.S. College, Rajapur.

**Sub: Syllabus completion report**

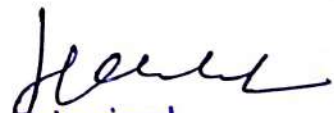
Respected Sir,

With reference to above subject, I have completed syllabus allocated to me in Second, Fourth and Six semester in academic year 2022 -2023. The details of the same are as follows.

Sr.No.	class	Paper Name	Unit completed
1.	F. Y. B.A.	Micro Economics	I. Production Analysis II. Cost and Revenue analysis III. Factor Pricing IV. Equilibrium in Different Market Structure
2.	F. Y. B.Com	Business Economics	I. Market Structure: Perfect Competition and Monopoly II. Pricing and Output Decisions under Imperfect Competition III. Pricing practices IV. Evaluating capital projects
3.	T. Y. B.A.	Advance Macro Economics-III	I. Post Keynesian Synthesis II. Trade Cycles III. Exchange Rate Regimes and Currency Crises IV. International Monetary System
4.	T. Y. B.A.	Research Methodology	I. Applications of statistical in research II. Index Numbers III. Hypothesis Formulation Testing IV. Research Report Writing:

  
Subject Teacher

  
HoD

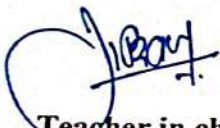
  
Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.




Rayat Shikshan Sanstha's  
**Abasaheb Marathe Arts & New Commerce, Science College Rajapur.**  
**Department of Economics**  
**SYLLABUS COMPLETION REPORT**  
**Semester – III & V (2022-23)**

I am Mr. Pawar Gaurav Gautam; Assistant professor of Economics hereby declare that I have completed the syllabus of following courses as per the University of Mumbai norms. The details are given:

Sr.No.	Class	Course	Topics	Completed or NOT
01	S.Y.B.A. Economics	(Sem. III) Public Finance	Unit 1. Introduction to Public Finance Unit 2. Fiscal Policy: Budget & Taxation Unit 3 Fiscal Policy: Public Expenditure & Debt Unit 4 Public Finance & Indian Economy	Completed
02	T.Y.B.A. Economics	(Semester V) ECONOMICS OF DEVELOPMENT: PAPER VIII	Unit 1: Concepts of Economic Growth and Development Unit 2: Structural Issues in Development Process Unit 3: Inequality, Poverty and Development Unit 4: Technology and Economic Development	Completed
03	T.Y.B.A. Economics	(Semester V) ECONOMICS OF AGRICULTURE AND COOPERATION : PAPER IX	Unit 1. Agricultural Productivity Unit 2. Agricultural Credit Unit 3. Agricultural Marketing Unit 4. Agricultural Price and Policy	Completed
04	S.Y.B.Com	(Semester III) BUSINESS ECONOMICS III	Unit 1. Introduction Unit 2. Basic Concepts Of Keynesian Economics Unit 3. Post Keynesian Developments In Macro Economics Unit 4. Money, Prices And Inflation	Completed

  
**Teacher in charge**

  
**Head**  
**Department of Economics**

  
**Principal**  
**Principal**  
**A.M.A.&N.C.S.College**  
**Rajapur,(V.Gothne)Dist.Ratnagiri.**





**Rayat Shikshan Sanstha'S**  
**Abasaheb Marathe Arts & New Commerce Science, College Rajapur**  
**Economics Department**  
**Syllabus Completion Report**  
**Semester IV and VI (2022-23)**

I am Mr. Pawar Gaurav Gautam; Assistant Professor in Economics hereby declare that I have completed the syllabus of following courses as per the University of Mumbai norms. The details are given below:

Sr. No.	Class	Course	Topics	Completed or Not
01	S.Y.B.A. Economics (Sem IV)	Indian Economy (Paper IV)	Module I: Introduction of Indian economy Module II: Indian Agricultural sector Module III: Industry sector Module IV: Service sector	Completed
02	T.Y.B.A. Economics (Sem VI)	International Economics (Paper XIV)	Module I: Introduction Module II: Modern Theories of International Trade Module III: Importance of Trade and Recent trends Module IV: Trade Policy and Regionalism	Completed
03	T.Y.B.A. Economics (Sem VI)	Economics of Agriculture & Cooperation (Paper XV)	Module I: Co-operation Module II: Co-operative Finance in India Module III: Agricultural Co-operatives Module IV: Co-operative Organizations in India	Completed
04	S.Y.B.Com (Sem IV)	Business Economics IV (Paper IV)	Module I: The Role Of Government In An Economy Module II: Public Revenue Module III: Public Expenditure And Public Debt Module IV: Fiscal Management and Financial Administration	Completed

  
**Subject Teacher**

  
**Head**

  
**Principal**

**Principal**  
**A.M.A.&N.C.S.College**  
**Rajapur, (V.Gothne) Dist. Ratnagiri**



सेमिस्टर -१ सूक्ष्म अर्थशास्त्र

एकूण गुण :- १००

वेळ : ३ तास.

- सूचना: १. सर्व प्रश्न सोडविणे आवश्यक  
२. सर्व प्रश्नांना मध्ये अंतर्गत पर्याय आहेत.  
३. फक्त साधे गणक यंत्र वापरण्यास परवानगी आहे.  
४. उजवीकडील अंक हे गुण दर्शवितात.  
५. आवश्यक ते सुबक आकृत्या काढा.

प्र. १. खालील पैकी कोणतेही दोन प्रश्न सोडवा.

(२०)

- सूक्ष्म अर्थशास्त्राचे महत्त्व स्पष्ट करा.  
ब. सूक्ष्म अर्थशास्त्र म्हणजे काय  
क. किंमत यंत्रणेची बाजार व्यवस्थेतील भूमिका स्पष्ट करा.

प्र. २ . खालील पैकी कोणतेही दोन प्रश्न सोडवा.

(२०)

- अ. निर्णय प्रक्रियेतील संधी खर्चाचे महत्त्व स्पष्ट करा.  
ब. व्यक्ती व देशांना व्यापारापासून विनिमयापासून मिळणारे लाभ तत्व स्पष्ट करा.  
क. बाजाराचे अपयश कमी करण्यात सरकारची भूमिका स्पष्ट करा.

प्र. ३ . खालील पैकी कोणतेही दोन प्रश्न सोडवा.

(२०)

- अ. मागणी नियमाचे अपवाद स्पष्ट करा.  
ब. बाजाराचे प्रकार स्पष्ट करा.  
क. मागणीचे निर्धारक घटक स्पष्ट करा.

प्र. ४ . खालील पैकी कोणतेही दोन प्रश्न सोडवा.

(२०)

- अ. पर्यायिता परिणाम स्पष्ट करा.  
ब. किंमत रेषा स्पष्ट करा.  
क. उत्पन्न परिणाम स्पष्ट करा.

प्र. ५ . टिपा लिहा (कोणतेही दोन)

(२०)

- अ. फलनाचे प्रकार स्पष्ट करा  
ब. फिलिप्स वक्र स्पष्ट करा  
क. स्पर्धेचे प्रकार  
क. उपभोक्त्याचे संतोष आधिक्य स्पष्ट करा.



वेळ 3 तास

मराठीत रूपांतर

(गुण: १००)

- सूचना
- १) सर्व प्रश्न सोडविणे आवश्यक आहे.
  - २) प्रत्येक प्रश्नाला २० गुण आहेत
  - ३) साधा कॅलक्युलेटर वापरण्यास परवानगी आहे.

प्र. १ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

अ वितरण किंवा पसरण आकृती वर चर्चा करा.

ब खालील तथ्यासाठी स्पिरमनचा श्रेणी सहसंबंध सहगुणकाची गणना करा.

X	६०	३०	३७	३०	४२	३७	५५	४५
Y	५०	२५	३३	२७	४०	३३	५०	४२

क पुढील तथ्यासाठी चार वर्षीय सरकती सरासरी काढा.

वर्ष	२०११	२०१२	२०१३	२०१४	२०१५	२०१६	२०१७	२०१८
बचत (कोटी रु.)	५१	५३	५६	५५	५८	६२	६१	६५

प्र. २ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

अ निर्देशांकाच्या मर्यादा वर चर्चा करा.

ब) खालील माहितीवरून लासपेअरचा आणि पाश्चेचा निर्देशांक काढा.

वस्तु	पायाभूत वर्ष		चालू वर्ष	
	किंमत(रु)	परिमाण	किंमत (रु)	परिमाण
अ	५	५०	१०	४०
ब	४	१०	९	२
क	३	५	८	१

क खालील माहितीवरून राहणीमान खर्च निर्देशांकाचे मापन करा.

वस्तु	किंमत २०१५	किंमत २०२०	भार
अ	५२	६२	१०
ब	६५	५८	१२
क	८५	८२	८
ड	३०	३६	१०
इ	१००	१२०	११

प्र. ३ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

अ गृहीतकृत्याचे प्रकार कोणते आहेत ?

ब गृहीतकृत्याची संशोधनातील भूमिका स्पष्ट करा.

क चांगल्या गृहीतकृत्याच्या विविध निकषांची चर्चा करा.

- प्र. ४ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.  
अ संशोधन अहवालाचे प्रकार स्पष्ट करा.  
ब संशोधन क्षेत्रातील वाडमय चौर्य या संकल्पनेची चर्चा करा.  
क संशोधन अहवालाच्या तत्वांची चर्चा करा.

२०

- प्र. ५ अ) खालील प्रश्नांची उत्तरे द्या.  
अ कालश्रेणीचे घटक स्पष्ट करा.  
ब निर्देशांकाचे उपयोग स्पष्ट करा.  
क लक्षणिय पातळी यावर टीप लिहा.  
ड संशोधन अहवाल लिहिण्याच्या विविध पायऱ्या स्पष्ट करा.

२०

किंवा

५. ब) बहुपर्यायी प्रश्न

- १ जेव्हा कोणत्याही एका घटकात होणारी वाढ किंवा घट यांचा दुसऱ्या चलावर कोणत्याही प्रकारचा परिणाम होत नाही तेव्हा त्याला ----- सहसंबंध म्हणतात.  
अ) ऋण ब) धन क) शून्य ड) रेखीय
- २ जेव्हा एकाच वेळी दोन चलांचा वापर करून सहसंबंध लक्षात घेतला जातो तेव्हा तो ----- सहसंबंध असतो.  
अ) अरेखीय ब) रेखीय क) साधा ड) आंशिक
- ३ समाश्रयण समीकरणातील  $bxy$  म्हणजे  
अ)  $x$  चलाचा  $y$  चलावर समाश्रयण गुणांक. ब)  $y$  चलाचा  $x$  चलावर समाश्रयण गुणांक क)  $a$  चलाचा  $b$  चलावर समाश्रयण गुणांक ड)  $b$  चलाचा  $a$  चलावर समाश्रयण गुणांक
- ४ मोसमी विचरण घडवून आणणारा महत्वाचा घटक म्हणजे ----- होय.  
अ) वर्ष ब) महिना क) वातावरण ड) काळ
- ५ कालश्रेणीच्या विश्लेषणात ----- चा अभ्यास अतिशय महत्वाचा ठरतो.  
अ) निर्देशांक ब) सहसंबंध क) मागणी ड) मोसमी बदल
- ६ \_\_\_\_\_ हा उपभोक्त्याचा किंमत निर्देशांक म्हणून देखील ओळखला जातो.  
अ) फिशरचा निर्देशांक ब) लास्पेअरचा निर्देशांक क) पाशेचा निर्देशांक ड) राहणीमानाचा निर्देशांक
- ७ निर्देशांक \_\_\_\_\_ मधील बदल मोजण्यासाठी वापरले जात नाहीत.  
अ) राहणीमान ब) घाऊक किंमती क) गुणवत्ता ड) वास्तव उत्पन्न
- ८ जर २०१९ या वर्षासाठी उत्पन्न रुपये ४२०० आणि निर्देशांक = १४० असेल तर त्या वर्षीचे वास्तव उत्पन्न = \_\_\_\_\_ असेल.  
अ) 300 ब) 350 क) 3000 ड) 3500

२०



- ९ \_\_\_\_\_ निर्देशांकात निर्देशांकाचे चालू वर्ष हे पुढील वर्षाचे पायाभूत वर्ष असते.  
अ) साखळी ब) किंमत क) साक्षा ड) भागिकित
- १० निर्देशांक \_\_\_\_\_ म्हणून ओळखले जातात.  
अ) आर्थिक मापनदंड ब) मापदंड क) स्थिरांक ड) उतार
- ११ परीकल्पने संदर्भात खालील विधान सत्य आहे.  
अ) परीकल्पना स्पष्ट असावी. ब) परीकल्पनेत अनुभव सिद्धता हवी.  
क) परीकल्पना क्लिष्ट हवी. ड) पर्याय १ आणि पर्याय २
- १२ परिकल्पना संशोधनातील \_\_\_\_\_ निष्कर्षासाठी उपयुक्त ठरते.  
अ) विश्लेषणात्मक ब) तर्कसंगत क) उपयोजित ड) अन्वेषणात्मक
- १३ \_\_\_\_\_ परिकल्पना सामाजिक मूल्यावर आधारित असतात.  
अ) अनुभवजन्य ब) संशोधनात्मक क) शास्त्रीय ड) सर्वसामान्य
- १४ वैकल्पिक परिकल्पना \_\_\_\_\_ ने दर्शवितात.  
अ) H ब)  $H_2$  क)  $H_0$  ड)  $H_1$
- १५ \_\_\_\_\_ हा सांख्यिकीय गृहीतकांचा एक प्रकार आहे जो प्रस्तावित करतो की दिलेल्या निरीक्षणांच्या संचामध्ये सांख्यिकीय महत्त्व अस्तित्वात नाही.  
अ) पर्यायी परिकल्पना ब) शून्य परिकल्पना क) गृहीतक ड) यापैकी नाही
- १६ संशोधन अहवालात संशोधन उद्दिष्टे \_\_\_\_\_ असावीत.  
अ) पर्याप्त ब) अधिक क) मर्यादित ड) विषय विसंगत
- १७ अहवालातील संदर्भ समजण्यासाठी \_\_\_\_\_ ची आवश्यकता आहे.  
अ) अनुक्रमणिका ब) तळटीपा क) पृष्ठसंख्या ड) सादरीकरण
- १८ संशोधन पद्धतीवरून, वाचकास संशोधकाच्या संशोधन कार्याची \_\_\_\_\_ कल्पना येते.  
अ) पुसट ब) प्राथमिक क) व्यापक ड) विस्तृत
- १९ संशोधन अहवालातील नकाशे \_\_\_\_\_ माहितीचे वितरण दर्शवितात.  
अ) राजकीय ब) शैक्षणिक क) सांस्कृतिक ड) प्रादेशिक
- २० अनौपचारिक अहवालात, \_\_\_\_\_ असतात.  
अ) कमी तपशीलवार ब) गुंतागुंतीचे तपशीलवार क) कोणत्याही प्रकारे इन-स्ट्रक्चर्ड ड) वरील सर्व

(Time: 2:30 Hours)

(Marks: 80)

- N.B. 1. सर्व प्रश्न अनिवार्य आहेत.  
2. सर्व प्रश्नांना समान गुण आहेत.  
3. आवश्यक तेथे सुयोग्य आकृती काढा.

प्रश्न १ - खालीलपैकी कोणतेही दोन उपप्रश्न सोडावा.

- अ) दादाभाई नौरोजी यांच्या आर्थिक निःस्सारण सिद्धांताची चर्चा करा.  
ब) गो.ग.आगरकरांच्या प्रमुख आर्थिक विचारांचा थोडक्यात आढावा घ्या.  
क) रानडे यांच्या 'आर्थिक संरक्षणवादा'चे स्पष्टीकरण द्या.

प्रश्न २ - खालीलपैकी कोणतेही दोन उपप्रश्न सोडावा.

- अ) महात्मा फुले यांचा शेतीविषयक दृष्टिकोन स्पष्ट करा.  
ब) महात्मा गांधी यांच्या 'स्वयंपूर्ण खेडी' संकल्पनेची मांडणी करा.  
क) 'महात्मा गांधी यांचा श्रम प्रतिष्ठा दृष्टिकोन श्रम समतेवर आधारित आहे.' चर्चा करा.

प्रश्न ३ - खालीलपैकी कोणतेही दोन उपप्रश्न सोडावा.

- अ) डॉ. बाबासाहेब आंबेडकरांचा 'राज्य समाजवाद' स्पष्ट करा.  
ब) भारतातील आर्थिक संकट रोखण्यासाठी डॉ. मनमोहन सिंग यांनी सुचवलेली त्रिसूत्री विशद करा.  
क) गोखले यांचा आर्थिक विकासविषयक दृष्टिकोन स्पष्ट करा.

प्रश्न ४ - खालीलपैकी कोणतेही दोन उपप्रश्न सोडावा.

- अ) अमर्त्य सेन यांचे कल्याणकारी अर्थशास्त्र आणि सामाजिक निवडीसंदर्भातील विचार स्पष्ट करा.  
ब) जोसेफ स्टीग्लिट्झ यांच्या 'माहितीचे अर्थशास्त्र' यावर टिपण तयार करा.  
क) रॉबर्ट मंडेल यांनी खुल्या अर्थव्यवस्थेसाठी मांडलेल्या प्रतिमानाची चर्चा करा.



(Time: 2:30 Hours)

(Marks: 80)

- N.B. 1. All questions are compulsory.  
2. All questions carry equal marks.  
3. Draw neat diagrams where necessary.

Q. 1 - Solve any two sub-questions from the following.

- a) Discuss the Drain Theory of Dadabhai Naoroji.  
b) Briefly review the major economic ideas of G.G. Agarkar.  
c) Explain the Ranade's 'Case on Economic Protection'.

Q. 2 - Solve any two sub-questions from the following.

- a) Explain the Mahatma Phule's approach regarding to agriculture.  
b) Outline the Mahatma Gandhi's concept of 'Self-Sufficient Village'.  
c) 'Mahatma Gandhi's approach to labor dignity is based on labor equality.'  
Discuss.

Q. 3 - Solve any two sub-questions from the following.

- a) Explain the Dr. Babasaheb Ambedkar's 'State Socialism'.  
b) Describe the Three Steps suggested by Dr. Manmohan Singh to prevent financial crisis in India.  
c) Explain the Gokhale's view on economic development.

Q. 4 - Solve any two sub-questions from the following.

- a) Explain the Amartya Sen's views on welfare economics and social choice.  
b) Make a note on 'Economics of Information' by Joseph Stiglitz.  
c) Discuss the paradigm proposed by Robert Mundell for open economy.

मराठीत रूपांतर

(गुण: १००)

वेळ ३ तास

- सूचना १) सर्व प्रश्न सोडविणे आवश्यक आहे.  
२) प्रत्येक प्रश्नाला २० गुण आहेत  
३) साधा कॅलक्युलेटर वापरण्यास परवानगी आहे.

प्र. १ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

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अ वितरण किंवा पसरण आकृती वर चर्चा करा.

ब खालील तथ्यासाठी स्पिरमनचा श्रेणी सहसंबंध सहगुणकाची गणना करा.

X	६०	३०	३७	३०	४२	३७	५५	४५
Y	५०	२५	३३	२७	४०	३३	५०	४२

क पुढील तथ्यासाठी चार वर्षीय सरकती सरासरी काढा.

वर्ष	२०११	२०१२	२०१३	२०१४	२०१५	२०१६	२०१७	२०१८
बचत (कोटी रु.)	५१	५३	५६	५५	५८	६२	६१	६५

२०

प्र. २ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

अ निर्देशांकाच्या मर्यादा वर चर्चा करा.

ब) खालील माहितीवरून लासपेअरचा आणि पाश्चेचा निर्देशांक काढा.

वस्तु	पायाभूत वर्ष		चालू वर्ष	
	किंमत(रु)	परिमाण	किंमत (रु)	परिमाण
अ	५	५०	१०	४०
ब	४	१०	९	२
क	३	५	८	१

क खालील माहितीवरून राहणीमान खर्च निर्देशांकाचे मापन करा.

वस्तु	किंमत २०१५	किंमत २०२०	भार
अ	५२	६२	१०
ब	६५	५८	१२
क	८५	८२	८
ड	३०	३६	१०
इ	१००	१२०	११

२०

प्र. ३ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

अ गृहीतकृत्याचे प्रकार कोणते आहेत ?

ब गृहीतकृत्याची संशोधनातील भूमिका स्पष्ट करा.

क चांगल्या गृहीतकृत्याच्या विविध निकषांची चर्चा करा.



- प्र. ४ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ संशोधन अहवालाचे प्रकार स्पष्ट करा.
- ब संशोधन क्षेत्रातील वाडमय चौर्य या संकल्पनेची चर्चा करा.
- क संशोधन अहवालाच्या तत्त्वांची चर्चा करा.

- प्र. ५ अ) खालील प्रश्नांची उत्तरे द्या.
- अ कालश्रेणीचे घटक स्पष्ट करा.
- ब निर्देशांकाचे उपयोग स्पष्ट करा.
- क लक्षणिय पातळी यावर टीप लिहा.
- ड संशोधन अहवाल लिहिण्याच्या विविध पायऱ्या स्पष्ट करा.

किंवा

५. ब) बहुपर्यायी प्रश्न

१ जेव्हा कोणत्याही एका घटकात होणारी वाढ किंवा घट यांचा दुसऱ्या चलावर कोणत्याही प्रकारचा परिणाम होत नाही तेव्हा त्याला ----- सहसंबंध म्हणतात.

अ) ऋण ब) धन क) शून्य ड) रेखीय

२ जेव्हा एकाच वेळी दोन चलांचा वापर करून सहसंबंध लक्षात घेतला जातो तेव्हा तो ----- सहसंबंध असतो.

अ) अरेखीय ब) रेखीय क) साधा ड) आंशिक

३ समाश्रयण समीकरणातील  $bxy$  म्हणजे

अ)  $x$  चलाचा  $y$  चलावर समाश्रयण गुणांक ब)  $y$  चलाचा  $x$  चलावर समाश्रयण गुणांक क)  $a$  चलाचा  $b$  चलावर समाश्रयण गुणांक ड)  $b$  चलाचा  $a$  चलावर समाश्रयण गुणांक

४ मोसमी विचरण घडवून आणणारा महत्त्वाचा घटक म्हणजे ----- होय.

अ) वर्ष ब) महिना क) वातावरण ड) काळ

५ कालश्रेणीच्या विश्लेषणात ----- चा अभ्यास अतिशय महत्त्वाचा ठरतो.

अ) निर्देशांक ब) सहसंबंध क) मागणी ड) मोसमी बदल

६ \_\_\_\_\_ हा उपभोक्त्याचा किंमत निर्देशांक म्हणून देखील ओळखला जातो.

अ) फिशरचा निर्देशांक ब) लास्पेअरचा निर्देशांक क) पाशेचा निर्देशांक ड) राहणीमानाचा निर्देशांक

७ निर्देशांक \_\_\_\_\_ मधील बदल मोजण्यासाठी वापरले जात नाहीत.

अ) राहणीमान ब) घाऊक किंमती क) गुणवत्ता ड) वास्तव उत्पन्न

जर २०१९ या वर्षासाठी उत्पन्न रुपये ४२०० आणि निर्देशांक = १४० असेल तर त्या वर्षीचे वास्तव उत्पन्न = \_\_\_\_\_ असेल.

अ) 300 ब) 350 क) 3000 ड) 3500

- ९ \_\_\_\_\_ निर्देशांकात निर्देशांकाचे चालू वर्ष हे पुढील वर्षाचे पायाभूत वर्ष असते.  
अ) साखळी ब) किंमत क) सध्या ड) भाग्यं कित
- १० निर्देशांक \_\_\_\_\_ म्हणून ओळखले जातात.  
अ) आर्थिक मापनदंड ब) मापदंड क) स्थिरांक ड) उतार
- ११ परीकल्पने संदर्भात खालील विधान सत्य आहे.  
अ) परीकल्पना स्पष्ट असावी. ब) परीकल्पनेत अनुभव सिद्धता हवी.  
क) परीकल्पना क्लिष्ट हवी. ड) पर्याय १ आणि पर्याय २
- १२ परीकल्पना संशोधनातील \_\_\_\_\_ निष्कर्षासाठी उपयुक्त ठरते.  
अ) विश्लेषणात्मक ब) तर्कसंगत क) उपयोजित ड) अन्वेषणात्मक
- १३ \_\_\_\_\_ परीकल्पना सामाजिक मूल्यावर आधारित असतात.  
अ) अनुभवजन्य ब) संशोधनात्मक क) शास्त्रीय ड) सर्वसामान्य
- १४ वैकल्पिक परीकल्पना \_\_\_\_\_ ने दर्शवितात.  
अ) H ब)  $H_2$  क)  $H_0$  ड)  $H_1$
- १५ \_\_\_\_\_ हा सांख्यिकीय गृहीतकांचा एक प्रकार आहे जो प्रस्तावित करतो की दिलेल्या निरीक्षणांच्या संचामध्ये सांख्यिकीय महत्त्व अस्तित्वात नाही.  
अ) पर्यायी परीकल्पना ब) शून्य परीकल्पना क) गृहीतक ड) यापैकी नाही
- १६ संशोधन अहवालात संशोधन उद्दिष्टे \_\_\_\_\_ असावीत.  
अ) पर्याप्त ब) अधिक क) मर्यादित ड) विषय विसंगत
- १७ अहवालातील संदर्भ समजण्यासाठी \_\_\_\_\_ ची आवश्यकता आहे.  
अ) अनुक्रमणिका ब) तुळटीपा क) पृष्ठसंख्या ड) सादरीकरण
- १८ संशोधन पद्धतीवरून, वाचकास संशोधकाच्या संशोधन कार्याची \_\_\_\_\_ कल्पना येते.  
अ) पुसट ब) प्राथमिक क) व्यापक ड) विस्तृत
- १९ संशोधन अहवालातील नकाशे \_\_\_\_\_ माहितीचे वितरण दर्शवितात.  
अ) राजकीय ब) शैक्षणिक क) सांस्कृतिक ड) प्रदेशिक
- २० अनौपचारिक अहवालात, \_\_\_\_\_ असतात.  
अ) कमी तपशीलवार ब) गुंतागुंतीचे तपशीलवार क) कोणत्याही प्रकारे इन-स्ट्रक्चर्ड ड) वरील सर्व



2022-23

Department : Economics

Semester: - VI

Sr. No	Class	Subject	Paper No	Teachers Name	Qualification	Joining Date In College	Total Student	Service In College	Total Student In Class	Appeared Student In Class	Students Obtaining Marks / Grade							Percentage Result		Sign of Head
											O	A	B	C	D	E	F	Paper	University Result	
1	TYBA	Advance Micro Economics-III	VI	Prof. N.A.R. Solkar	M.A., M.Phil., SET.	03/07/2017	06	06	06	04	80-89	70-79	60-69	50-59	40-49	00-39	00-39	25%		
2	TYBA	Economics of Growth and Development	VIII	Prof. G.G. Pawar	M.A., SET.	22/06/2018	06	05	06	04	--	--	--	02	02	--	--	100%		
3	TYBA	Economics of Agriculture and Cooperation-I	IX	Prof. G.G. Pawar	M.A., SET.	22/06/2018	06	05	06	04	--	--	02	--	--	02	--	50%		
4	TYBA	Research Methodology-I	X	Prof. N.A.R. Solkar	M.A., M.Phil., SET.	03/07/2017	06	06	06	04	--	--	01	--	03	--	--	100%		
5	TYBA	Environmental Economics-I	XI	Prof. G.S. Hake	M.A., SET.	22/03/2022	06	02	06	04	--	--	01	01	01	01	01	75%		
6	TYBA	History of Economics Thought-I	XII	Prof. G.S. Hake	M.A., SET.	22/03/2022	06	02	06	04	--	--	--	04	--	--	--	100%		

*[Signature]*  
Principal

A.M.A. & N.C.S. College  
Rajapur, (V. Gotne) Dist. Ratnagiri.

*[Signature]*  
Head Vice Principal

*[Signature]*  
Teacher Incharge


Place: Rajapur  
Date: 22 / 08 / 2023

2022-23

Department : Economics

Semester: - VI

Sr. No.	Students Name	Advance Micro Economics-III	Economics of Growth and Development	Economics of Agriculture and Cooperation-I	Research Methodology-I	Environmental Economics-I	History of Economics Thought-I
1	Jadhav Ranjit Dipak	23	44	37	40	46	50
2	Mayekar Shraddha Nandkishor	Ab	Ab	Ab	Ab	Ab	Ab
3	Mayekar Trupti Subhash	Ab	Ab	Ab	Ab	Ab	Ab
4	Mujawar Mohammad.Suheb Subahani	24	57	61	61	54	52
5	Shinde Vivek Laxman	24	40	37	41	30	52
6	Zapanekar Shubham Chandrakant	42	52	66	40	67	52

  
Teacher Incharge

  
Head

Department of Economics

  
Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)

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**Department of Economics**  
**ICT report**

E-learning plays a key role in the modern system of education. The use of information technology (ICT) in teaching of Economics helps in the task of capacity building of students. In order to provide latest knowledge to the students, department of Economics tries its best. As an integral part of Teaching-learning process, department uses ICT based teaching learning process and aids viz. PPT's, Audio lectures, video lectures, online study materials and E-books. Department of Economics also makes use of social media applications like what's app.

Use of PPT's is a very useful teaching tool which makes classroom more interesting and joyful. It also makes graphs and diagrams more interesting and understandable. Department of Economics has adequate collection of economics related videos, audios lectures which enhances the teaching and learning process. Department also provides E-books to the students using social media like what's App.

Department also makes use of internet for displaying online annual budgets of Govt. to the students. In this way, use of ICT teaching aids has certainly increased the economic approach among students.

  
Head

Department of Economics



  
Principal

A.M.A. & N.C.S. College  
Rajapur, (V. Gothane) Dist. Ratnagiri.