



*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts, New Commerce and 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) (2023-2024)**

### **CRITERION I CURRICULAR ASPECTS**

#### **1.3 - Curriculum Enrichment**



**1.3.2  
Number of courses that include experiential learning through  
project work/field work/internship during the year**



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### Metric 1.3.2

**Number of courses that include experiential learning through project work/field work/internship during the year**

**23 Courses that include experiential learning through project work**

### List of Courses

<b>Sr. No.</b>	<b>Name of course that include extension learning through project work</b>
1	F.Y.B.A.: Foundation Course-I (UAFC1C1)
2	S.Y.B.A.: Foundation Course
3	F.Y.B.Com...: Foundation Course
4	S.Y.B.Com.: Foundation Course
5	F.Y.B.Sc.: Foundation Course
6	S.Y.B.Sc.: Foundation Course
7	T.Y.B.A: Information Technology in Hindi P- VI (UAHIN-503)
8	T.Y.B.A.: Ideological Background of Modern Hindi Literature P-IX (UAHIN-506)
9	T.Y.B.A.: Social Media P-VI (UAHIN-603)
10	T.Y.B.A.: Politics of Modern Maharashtra (97087): Paper VI
11	T.Y.B.A.: Determinants of Politics of Maharashtra (86590):Paper VI
12	T.Y.B.A.: Introduction to Archaeology
13	T.Y.B.A.: Introduction to Museology and Archival Science
14	M.Com. Part-II.: Project Work -I
15	M.Com. Part-II.: Project Work -II



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### **Metric 1.3.2**

**Number of courses that include experiential learning through project work/field work/internship during the year**

**23 Courses that include experiential learning through project work**

### **List of Courses**

<b>Sr. No.</b>	<b>Name of course that include extension learning through project work</b>
16	T.Y.B.A.: Ideological Background of Modern Hindi Literature P-IX (UAHIN-606)
17	F.Y.B.Sc.: Plant Diversity-I P-I (USBO101)
18	F.Y.B.Sc.: Form and Function-I P-II (USBO102)
19	F.Y.B.Sc.: Plant Diversity-I P-I (USBO201)
20	F.Y.B.Sc.: Form and Function-I P-II (USBO202)
21	F.Y.B.Sc.: Zoology USZOP1 (Course-I)
22	F.Y.B.Sc.: Zoology USZOP2 (Course-III)
23	F.Y.B.Sc.: Zoology USZOP2 (Course-IV)



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**Syllabus of course that include experiential learning through project work**

**1. F.Y.B.A  
Foundation Course**

AC. 6.6.2012

Item No.4.49

# UNIVERSITY OF MUMBAI



**Revised Syllabus for the F.Y.B.A/F.Y.B.Sc.**

**Program: F.Y.B.A/F.Y.B.Sc.**

**Course: Foundation Course**

**(Semester I & II)**

(As per Credit Based Semester and Grading System  
with effect from the academic year 2012–2013)

**Revised Syllabus (From 2012-13)**  
**Foundation Course for F. Y. B A**  
**Semester 1**  
**Course Code: UA FC 1C1**

**Lectures 45**  
**Marks 100**

**Unit 1**

**Overview of Indian Society:**

Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender;  
Appreciate the concept of linguistic diversity in relation to the Indian situation;  
Understand regional variations according to rural, urban and tribal characteristics;  
Understanding the concept of diversity as difference. *(5 lectures)*

**Unit 2**

**Concept of Disparity- 1:**

Understand the concept of disparity as arising out of stratification and inequality;  
Explore the disparities arising out of gender with special reference to violence against women, female foeticide (declining sex ratio), and portrayal of women in media;  
Appreciate the inequalities faced by people with disabilities and understand the issues of people with physical and mental disabilities. *(10 lectures)*

**Unit 3**

**Concept of Disparity-2:**

Examine inequalities manifested due to the caste system and inter-group conflicts arising thereof;  
Understand inter-group conflicts arising out of communalism;  
Examine the causes and effects of conflicts arising out of regionalism and linguistic differences. *(10 lectures)*

**Unit 4**

**The Indian Constitution:**

Philosophy of the Constitution as set out in the Preamble;  
The structure of the Constitution-the Preamble, Main Body and Schedules;  
Fundamental Duties of the Indian Citizen; tolerance, peace and communal harmony as crucial values in strengthening the social fabric of Indian society;  
Basic features of the Constitution. *(10 lectures)*

**Unit 5**

**Significant Aspects of Political Processes:**

The party system in Indian politics;  
Local self-government in urban and rural areas; the 73<sup>rd</sup> and 74<sup>th</sup> Amendments and their implications for inclusive politics;  
Role and significance of women in politics. *(10 lectures)*

## **Unit 6**

### **Growing Social Problems in India:**

- a) Substance abuse- impact on youth & challenges for the future
- b) HIV/AIDS- awareness, prevention, treatment and services
- c) Problems of the elderly- causes, implications and response
- d) Issue of child labour- magnitude, causes, effects and response
- e) Child abuse- effects and ways to prevent
- f) Trafficking of women- causes, effects and response

*(15 lectures)*

### **Note:**

**15 lectures will be allotted for project guidance**

**Unit Number 6 will not be assessed for the Semester End Exam**

**Revised Syllabus (From 2012-13)**  
**Foundation Course for F. Y. B.A**  
**Semester II**  
**Course Code: UA FC 2C1**

**Lectures 45**  
**Marks 100**

**Unit 1**

**Globalisation and Indian Society:**

Understanding the concepts of liberalization, privatization and globalization;  
Growth of information technology and communication and its impact manifested in everyday life;  
Impact of globalization on industry: changes in employment and increasing migration;  
Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides. (7 lectures)

**Unit 2**

**Human Rights**

Concept of Human Rights; origin and evolution of the concept;  
The Universal Declaration of Human Rights;  
Human Rights constituents with special reference to Fundamental Rights stated in the Constitution; (10lectures)

**Unit 3**

**Ecology**

Importance of Environment Studies in the current developmental context;  
Understanding concepts of Environment, Ecology and their interconnectedness;  
Environment as natural capital and connection to quality of human life;  
Environmental Degradation- causes and impact on human life;  
Sustainable development- concept and components; poverty and environment (10 lectures)

**Unit 4**

**Understanding Stress and Conflict:**

Causes of stress and conflict in individuals and society;  
Agents of socialization and the role played by them in developing the individual;  
Significance of values, ethics and prejudices in developing the individual;  
Stereotyping and prejudice as significant factors in causing conflicts in society.  
Aggression and violence as the public expression of conflict; (10 lectures)



## **Unit 5**

### **Managing Stress and Conflict in Contemporary Society:**

Types of conflicts and use of coping mechanisms for managing individual stress;

Maslow's theory of self-actualisation;

Different methods of responding to conflicts in society;

Conflict-resolution and efforts towards building peace and harmony in society.

(8 lectures)

## **Unit 6**

### **Contemporary Societal Challenges:**

a) Increasing urbanization, problems of housing, health and sanitation;

b) Changing lifestyles and impact on culture in a globalised world.

c) Farmers' suicides and agrarian distress.

d) Debate regarding Genetically Modified Crops.

e) Development projects and Human Rights violations.

f) Increasing crime/suicides among youth.

(15 lectures)

### **Note:**

**15 lectures will be allotted for project guidance**

**Unit Number 6 will not be assessed for the Semester End Exam**

### **Internal Assessment and Question Paper Pattern for FC- Semester I & II Course At the F Y B A Examinations**

The student will be assessed on the basis of Internal Assessment of 40 marks and a Semester End Exam of 60 marks. The student will have to secure a minimum of 40% marks in aggregate and a minimum of 40% in each component of assessment i.e. 16 out of 40 in Internal Assessment and 24 out of 60 in Semester End Exam.

### **Internal Assessment:**

- There will be one mid-semester test of 10 marks on Units 1 and 2.
- The test will, as far as possible, comprise of objective questions and/or short notes.
- The student will have to submit an assignment/project for 20 marks before appearing for the Semester End Exam. This assignment/project will be entirely based on Unit 6 and can take the form of street-plays/exhibition/power-point presentations or similar other modes suitable to the topic selected; students can work in groups of not more than 8 for the purpose of this assignment. Students will have to submit a hard copy of the assignment before appearing for the Semester End Exam. The assignment will be assessed for 20 marks of which 10 marks may be allotted for a viva, to assess the level of engagement of the student with the topic assigned.
- Unit 6 will not be included in the Semester End Exam.
- 10 marks will be assigned to the participation of the student in class discussions and the projects undertaken along with the leadership skills and presentation skills exhibited during the class sessions.

### **Semester End Exam:**

- There will be a Semester End Exam for 60 marks of 2 hours duration.
- This exam will comprise of four compulsory questions covering Units 1-5 of the syllabus.
- Question No. 1, 2 and 3 will be Full-length questions for 15 marks each; there will be an internal choice in each of these questions requiring the students to answer one of two questions asked.
- Full-length questions will be from Units 2, 3, 4 and 5 only.
- Question No. 4 will be of the Short Note type where each Short Note will be for 3 marks each. Students will be required to answer 5 out of 8 Short Notes.
- Short note questions will be from Units 1, 2, 3, 4 and 5.
- Unit 1 will not feature in the Full-length questions but will be asked only in the form of Short Note questions.

**NOTE: All other rules regarding Standard of Passing, ATKT, etc., will be as per those decided by the Faculty of Arts passed by the Academic Council from time to time.**



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**Syllabus of course that include experiential learning through project work**

**2. S.Y.B.A  
Foundation Course**

**UNIVERSITY OF MUMBAI****Syllabus for Approval**

Sr. No.	Heading	Particulars
1	Title of the Course	<b>Foundation Course (SYBA, SYBSc, SYBCom; Semesters III and IV)</b>
2	Eligibility for Admission	Not Applicable
3	Passing Marks	<b>40 %</b>
4	Ordinances / Regulations ( if any)	Not Applicable
5	No. of Years / Semesters	<b>III and IV Semesters</b>
6	Level	<del>P.G.</del> / <b>U.G.</b> / <del>Diploma</del> / <del>Certificate</del> ( Strike out which is not applicable)
7	Pattern	<del>Yearly</del> / <b>Semester</b> ( Strike out which is not applicable)
8	Status	<del>New</del> / <b>Revised</b> ( Strike out which is not applicable)
9	To be implemented from Academic Year	<b>From Academic Year 2017-18</b>

Date: **8<sup>th</sup> May, 2017**

Signature :

Name of BOS Chairperson /Dean : **Dr Agnelo Menezes**

**UNIVERSITY OF MUMBAI****Essentials Elements of the Syllabus**

1	Title of the Course	<b>Foundation Course (SYBA, SYBSc, SYBCom – III and IV Semesters)</b>
2	Course Code	
3	Preamble / Scope	Not Applicable
4	Objective of Course / Course Outcome	Not Applicable
5	Eligibility	Not Applicable
6	Fee Structure	Not Applicable
7	No. of Lectures	<b>3 lectures per week</b>
8	No. of Practical	Not Applicable
9	Duration of the Course	<b>III and IV Semesters respectively</b>
10	Notional hours	Not Applicable
11	No. of Students per Batch	Not Applicable
12	Selection	Not Applicable
13	Assessment	Not Applicable
14	Syllabus Details	Given
15	Title of the Unit	Not Applicable
16	Title of the Sub-Unit	Not Applicable
17	Semester wise Theory	Not Applicable
18	Semester wise List of Practical	Not Applicable
19	Question Paper Pattern	Given
20	Pattern of Practical Exam	Not Applicable
21	Scheme of Evaluation of Project / <del>Internship</del>	Given
22	List of Suggested Reading	Given
23	List of Websites	Given
24	List of You-Tube Videos	Not Applicable
25	List of MOOCs	Not Applicable

**UNIVERSITY OF MUMBAI**

**SECOND YEAR B.A., SECOND YEAR B.Sc.,  
SECOND YEAR B.Com.**

**SEMESTER III AND IV**

**FOUNDATION COURSE**

**UNDER THE CBCGSS SYSTEM**

**EFFECTIVE FROM 2017-2018**

## FOUNDATION COURSE

### Semester III

Internal marks: 25

External marks: 75

Total Marks: 100

Lectures: 45

### Objectives

- i. Develop a basic understanding about issues related to Human Rights of weaker sections, ecology, and science and technology.
- ii. Gain an overview of significant skills required to address competition in career choices
- iii. Appreciate the importance of developing a scientific temper towards technology and its use in everyday life

### Module 1 Human Rights Provisions, Violations and Redressal (12 lectures)

- A. Scheduled Castes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)
- B. Scheduled tribes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)
- C. Women- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)
- D. Children- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)
- E. People with Disabilities, Minorities, and the Elderly population- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (4 Lectures)

### Module 2 Dealing With Environmental Concerns (11 lectures)

- A. Concept of Disaster and general effects of Disasters on human life- physical, psychological, economic and social effects. (3 Lectures)
- B. Some locally relevant case studies of environmental disasters. (2 Lectures)
- C. Dealing with Disasters - Factors to be considered in Prevention, Mitigation (Relief and Rehabilitation) and disaster Preparedness. (3 Lectures)
- D. Human Rights issues in addressing disasters- issues related to compensation, equitable and fair distribution of relief and humanitarian approach to resettlement and rehabilitation. (3 Lectures)

### Module 3 Science and Technology I (11 lectures)

- A. **Development of Science**- the ancient cultures, the Classical era, the Middle Ages, the Renaissance, the Age of Reason and Enlightenment. (3 Lectures)
- B. **Nature of science**- its principles and characteristics; Science as empirical, practical, theoretical, validated knowledge. (2 Lectures)
- C. **Science and Superstition**- the role of science in exploding myths, blind beliefs and prejudices; Science and scientific temper- scientific temper as a fundamental duty of the Indian citizen. (3 Lectures)

D. **Science in everyday life**- technology, its meaning and role in development; Interrelation and distinction between science and technology. **(3 Lectures)**

**Module 4 Soft Skills for Effective Interpersonal Communication (11 lectures)**

**Part A (4 Lectures)**

- I) Effective Listening - Importance and Features.
- II) Verbal and Non-Verbal Communication; Public-Speaking and Presentation Skills.
- III) Barriers to Effective Communication; Importance of Self-Awareness and Body Language.

**Part B (4 Lectures)**

- I) Formal and Informal Communication - Purpose and Types.
- II) Writing Formal Applications, Statement of Purpose (SOP) and Resume.
- III) Preparing for Group Discussions, Interviews and Presentations.

**Part C (3 Lectures)**

- I) Leadership Skills and Self-Improvement - Characteristics of Effective Leadership.
- II) Styles of Leadership and Team-Building.

**Projects / Assignments (for Internal Assessment)**

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
- ii. Students should be given a list of possible topics - at least 3 from each Module at the beginning of the semester.
- iii. The Project/Assignment can take the form of Street-Plays / Power-Point Presentations / Poster Exhibitions and similar other modes of presentation appropriate to the topic.
- iv. Students can work in groups of not more than 8 per topic.
- v. Students must submit a hard / soft copy of the Project / Assignment before appearing for the semester end examination.

**QUESTION PAPER PATTERN (Semester III)**

The Question Paper Pattern for Semester End Examination shall be as follows:

**TOTAL MARKS: 75**

**DURATION: 150 MINUTES**

<b>QUESTION NUMBER</b>	<b>DESCRIPTION</b>	<b>MARKS ASSIGNED</b>
<b>1</b>	<b>i.</b> Question 1 A will be asked on the meaning / definition of concepts / terms from all	<b>a)</b> Total marks: 15



	<p>Modules.</p> <p><b>ii.</b> Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semester</p> <p><b>iii.</b> In all 8 Questions will be asked out of which 5 have to be attempted.</p>	<p><b>b)</b>For 1 A, there will be 3 marks for each sub-question.</p> <p><b>c)</b>For 1 B there will be 15 marks without any break-up.</p>
<b>2</b>	Descriptive Question with internal option (A or B) on Module 1	15
<b>3</b>	Descriptive Question with internal option (A or B) on Module 2	15
<b>4</b>	Descriptive Question with internal option (A or B) on Module 3	15
<b>5</b>	Descriptive Question with internal option (A or B) on Module 4	15

## FOUNDATION COURSE

### Semester IV

**Internal marks: 25**

**External marks: 75**

**Total Marks: 100**

**Lectures: 45**

#### **Module 1 Significant, contemporary Rights of Citizens (12 lectures)**

- A. Rights of Consumers**-Violations of consumer rights and important provisions of the Consumer Protection Act, 2016; Other important laws to protect consumers; Consumer courts and consumer movements. **(3 Lectures)**
- B. Right to Information**- Genesis and relation with transparency and accountability; important provisions of the Right to Information Act, 2005; some success stories. **(3 Lectures)**
- C. Protection of Citizens'/Public Interest**-Public Interest Litigation, need and procedure to file a PIL; some landmark cases. **(3 Lectures)**
- D. Citizens' Charters, Public Service Guarantee Acts.** **(3 Lectures)**

#### **Module 2 Approaches to understanding Ecology (11 lectures)**

- A. Understanding approaches to ecology**- Anthropocentrism, Biocentrism and Eco centrim, Ecofeminism and Deep Ecology. **(3 Lectures)**
- B. Environmental Principles-1**: the sustainability principle; the polluter pays principle; the precautionary principle. **(4 Lectures)**
- C. Environmental Principles-2**: the equity principle; human rights principles; the participation principle. **(4 Lectures)**

#### **Module 3 Science and Technology II (11 lectures)**

##### **Part A: Some Significant Modern Technologies, Features and Applications:**

**(7 Lectures)**

- i. **Laser Technology**- Light Amplification by Stimulated Emission of Radiation; use of laser in remote sensing, GIS/GPS mapping, medical use.
- ii. **Satellite Technology**- various uses in satellite navigation systems, GPS, and imprecise climate and weather analyses.
- iii. **Information and Communication Technology**- convergence of various technologies like satellite, computer and digital in the information revolution of today's society.
- iv. **Biotechnology and Genetic engineering**- applied biology and uses in medicine, pharmaceuticals and agriculture; genetically modified plant, animal and human life.
- v. **Nanotechnology**- definition: the study, control and application of phenomena and materials at length scales below 100 nm; uses in medicine, military intelligence and consumer products.

##### **Part B: Issues of Control, Access and Misuse of Technology. (4 Lectures)**

**Module 4 Introduction to Competitive Examinations (11 lectures)**

**Part A. Basic information on Competitive Examinations- the pattern, eligibility criteria and local centres: (4 Lectures)**

- i. Examinations conducted for entry into professional courses - Graduate Record Examinations (GRE), Graduate Management Admission Test (GMAT), Common Admission Test (CAT) and Scholastic Aptitude Test (SAT).
- ii. Examinations conducted for entry into jobs by Union Public Service Commission, Staff Selection Commission (SSC), State Public Service Commissions, Banking and Insurance sectors, and the National and State Eligibility Tests (NET / SET) for entry into teaching profession.

**Part B. Soft skills required for competitive examinations- (7 Lectures)**

- i. Information on areas tested: Quantitative Ability, Data Interpretation, Verbal Ability and Logical Reasoning, Creativity and Lateral Thinking
- ii. Motivation: Concept, Theories and Types of Motivation
- iii. Goal-Setting: Types of Goals, SMART Goals, Stephen Covey's concept of human endowment
- iv. Time Management: Effective Strategies for Time Management
- v. Writing Skills: Paragraph Writing, Report Writing, Filing an application under the RTI Act, Consumer Grievance Letter.

**Projects / Assignments (for Internal Assessment)**

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
- ii. Students should be given a list of possible topics - at least 3 from each Module at the beginning of the semester.
- iii. The Project/Assignment can take the form of Street-Plays / Power-Point Presentations / Poster Exhibitions and similar other modes of presentation appropriate to the topic.
- iv. Students can work in groups of not more than 8 per topic.
- v. Students must submit a hard / soft copy of the Project / Assignment before appearing for the semester end examination.

**QUESTION PAPER PATTERN (Semester IV)**

The Question Paper Pattern for Semester End Examination shall be as follows:

**TOTAL MARKS: 75**

**DURATION: 150 MINUTES**

<b>QUESTION NUMBER</b>	<b>DESCRIPTION</b>	<b>MARKS ASSIGNED</b>
<b>1</b>	<b>i.</b> Question 1 A will be asked on the meaning / definition of concepts / terms from all Modules.	<b>a)</b> Total marks: 15 <b>b)</b> For 1 A, there will be 3 marks for each sub-question.

	<p><b>ii.</b> Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semester</p> <p><b>iii.</b> In all 8 Questions will be asked out of which 5 have to be attempted.</p>	c) For 1 B there will be 15 marks without any break-up.
<b>2</b>	Descriptive Question with internal option (A or B) on Module 1	15
<b>3</b>	Descriptive Question with internal option (A or B) on Module 2	15
<b>4</b>	Descriptive Question with internal option (A or B) on Module 3	15
<b>5</b>	Descriptive Question with internal option (A or B) on Module 4	15

## References

1. Asthana, D. K., and Asthana, Meera, *Environmental Problems and Solutions*, S. Chand, New Delhi, 2012.
2. Bajpai, Asha, *Child Rights in India*, Oxford University Press, New Delhi, 2010.
3. Bhatnagar Mamta and Bhatnagar Nitin, *Effective Communication and Soft Skills*, Pearson India, New Delhi, 2011.
4. G Subba Rao, *Writing Skills for Civil Services Examination*, Access Publishing, New Delhi, 2014
5. Kaushal, Rachana, *Women and Human Rights in India*, Kaveri Books, New Delhi, 2000.
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7. Motilal, Shashi, and Nanda, Bijoy Lakshmi, *Human Rights: Gender and Environment*, Allied Publishers, New Delhi, 2007.

8. Murthy, D. B. N., *Disaster Management: Text and Case Studies*, Deep and Deep Publications, New Delhi, 2013.
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13. Thorpe, Edgar, *General Studies Paper I Volume V*, Pearson, New Delhi, 2017.



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**Syllabus of course that include experiential learning through project work**

**3. F.Y.B.Com.  
Foundation Course**



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**Syllabus of course that include experiential learning through project work**

**4. S.Y.B.Com.  
Foundation Course**

**UNIVERSITY OF MUMBAI****Syllabus for Approval**

Sr. No.	Heading	Particulars
1	Title of the Course	<b>Foundation Course (SYBA, SYBSc, SYBCom; Semesters III and IV)</b>
2	Eligibility for Admission	Not Applicable
3	Passing Marks	<b>40 %</b>
4	Ordinances / Regulations ( if any)	Not Applicable
5	No. of Years / Semesters	<b>III and IV Semesters</b>
6	Level	<del>P.G./</del> <b>U.G./</b> <del>Diploma / Certificate</del> ( Strike out which is not applicable)
7	Pattern	<del>Yearly /</del> <b>Semester</b> ( Strike out which is not applicable)
8	Status	<del>New /</del> <b>Revised</b> ( Strike out which is not applicable)
9	To be implemented from Academic Year	<b>From Academic Year 2017-18</b>

Date: **8<sup>th</sup> May, 2017**

Signature :

Name of BOS Chairperson /Dean : **Dr Agnelo Menezes**



# UNIVERSITY OF MUMBAI



## Essentials Elements of the Syllabus

1	Title of the Course	<b>Foundation Course (SYBA, SYBSc, SYBCom – III and IV Semesters)</b>
2	Course Code	
3	Preamble / Scope	Not Applicable
4	Objective of Course / Course Outcome	Not Applicable
5	Eligibility	Not Applicable
6	Fee Structure	Not Applicable
7	No. of Lectures	<b>3 lectures per week</b>
8	No. of Practical	Not Applicable
9	Duration of the Course	<b>III and IV Semesters respectively</b>
10	Notional hours	Not Applicable
11	No. of Students per Batch	Not Applicable
12	Selection	Not Applicable
13	Assessment	Not Applicable
14	Syllabus Details	Given
15	Title of the Unit	Not Applicable
16	Title of the Sub-Unit	Not Applicable
17	Semester wise Theory	Not Applicable
18	Semester wise List of Practical	Not Applicable
19	Question Paper Pattern	Given
20	Pattern of Practical Exam	Not Applicable
21	Scheme of Evaluation of Project / <del>Internship</del>	Given
22	List of Suggested Reading	Given
23	List of Websites	Given
24	List of You-Tube Videos	Not Applicable
25	List of MOOCs	Not Applicable

**UNIVERSITY OF MUMBAI**

**SECOND YEAR B.A., SECOND YEAR B.Sc.,  
SECOND YEAR B.Com.**

**SEMESTER III AND IV**

**FOUNDATION COURSE**

**UNDER THE CBCGSS SYSTEM**

**EFFECTIVE FROM 2017-2018**

# FOUNDATION COURSE

## Semester III

**Internal marks: 25**

**External marks: 75**

**Total Marks: 100**

**Lectures: 45**

### Objectives

- i. Develop a basic understanding about issues related to Human Rights of weaker sections, ecology, and science and technology.
- ii. Gain an overview of significant skills required to address competition in career choices
- iii. Appreciate the importance of developing a scientific temper towards technology and its use in everyday life

### **Module 1 Human Rights Provisions, Violations and Redressal (12 lectures)**

- A. Scheduled Castes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)**
- B. Scheduled tribes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)**
- C. Women- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)**
- D. Children- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)**
- E. People with Disabilities, Minorities, and the Elderly population- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (4 Lectures)**

### **Module 2 Dealing With Environmental Concerns (11 lectures)**

- A. Concept of Disaster and general effects of Disasters on human life- physical, psychological, economic and social effects. (3 Lectures)**
- B. Some locally relevant case studies of environmental disasters. (2 Lectures)**
- C. Dealing with Disasters - Factors to be considered in Prevention, Mitigation (Relief and Rehabilitation) and disaster Preparedness. (3 Lectures)**
- D. Human Rights issues in addressing disasters- issues related to compensation, equitable and fair distribution of relief and humanitarian approach to resettlement and rehabilitation. (3 Lectures)**

### **Module 3 Science and Technology I (11 lectures)**

- A. Development of Science- the ancient cultures, the Classical era, the Middle Ages, the Renaissance, the Age of Reason and Enlightenment. (3 Lectures)**
- B. Nature of science- its principles and characteristics; Science as empirical, practical, theoretical, validated knowledge. (2 Lectures)**
- C. Science and Superstition- the role of science in exploding myths, blind beliefs and prejudices; Science and scientific temper- scientific temper as a fundamental duty of the Indian citizen. (3 Lectures)**

D. **Science in everyday life**- technology, its meaning and role in development; Interrelation and distinction between science and technology. **(3 Lectures)**

**Module 4 Soft Skills for Effective Interpersonal Communication (11 lectures)**

**Part A (4 Lectures)**

- I) Effective Listening - Importance and Features.
- II) Verbal and Non-Verbal Communication; Public-Speaking and Presentation Skills.
- III) Barriers to Effective Communication; Importance of Self-Awareness and Body Language.

**Part B (4 Lectures)**

- I) Formal and Informal Communication - Purpose and Types.
- II) Writing Formal Applications, Statement of Purpose (SOP) and Resume.
- III) Preparing for Group Discussions, Interviews and Presentations.

**Part C (3 Lectures)**

- I) Leadership Skills and Self-Improvement - Characteristics of Effective Leadership.
- II) Styles of Leadership and Team-Building.

**Projects / Assignments (for Internal Assessment)**

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
- ii. Students should be given a list of possible topics - at least 3 from each Module at the beginning of the semester.
- iii. The Project/Assignment can take the form of Street-Plays / Power-Point Presentations / Poster Exhibitions and similar other modes of presentation appropriate to the topic.
- iv. Students can work in groups of not more than 8 per topic.
- v. Students must submit a hard / soft copy of the Project / Assignment before appearing for the semester end examination.

**QUESTION PAPER PATTERN (Semester III)**

The Question Paper Pattern for Semester End Examination shall be as follows:

**TOTAL MARKS: 75**

**DURATION: 150 MINUTES**

<b>QUESTION NUMBER</b>	<b>DESCRIPTION</b>	<b>MARKS ASSIGNED</b>
<b>1</b>	<b>i.</b> Question 1 A will be asked on the meaning / definition of concepts / terms from all	<b>a)</b> Total marks: 15

	<p>Modules.</p> <p><b>ii.</b> Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semester</p> <p><b>iii.</b> In all 8 Questions will be asked out of which 5 have to be attempted.</p>	<p><b>b)</b>For 1 A, there will be 3 marks for each sub-question.</p> <p><b>c)</b>For 1 B there will be 15 marks without any break-up.</p>
<b>2</b>	Descriptive Question with internal option (A or B) on Module 1	15
<b>3</b>	Descriptive Question with internal option (A or B) on Module 2	15
<b>4</b>	Descriptive Question with internal option (A or B) on Module 3	15
<b>5</b>	Descriptive Question with internal option (A or B) on Module 4	15

## FOUNDATION COURSE

### Semester IV

**Internal marks: 25**

**External marks: 75**

**Total Marks: 100**

**Lectures: 45**

#### **Module 1 Significant, contemporary Rights of Citizens (12 lectures)**

- A. Rights of Consumers**-Violations of consumer rights and important provisions of the Consumer Protection Act, 2016; Other important laws to protect consumers; Consumer courts and consumer movements. **(3 Lectures)**
- B. Right to Information**- Genesis and relation with transparency and accountability; important provisions of the Right to Information Act, 2005; some success stories. **(3 Lectures)**
- C. Protection of Citizens'/Public Interest**-Public Interest Litigation, need and procedure to file a PIL; some landmark cases. **(3 Lectures)**
- D. Citizens' Charters, Public Service Guarantee Acts.** **(3 Lectures)**

#### **Module 2 Approaches to understanding Ecology (11 lectures)**

- A. Understanding approaches to ecology**- Anthropocentrism, Biocentrism and Eco centrim, Ecofeminism and Deep Ecology. **(3 Lectures)**
- B. Environmental Principles-1**: the sustainability principle; the polluter pays principle; the precautionary principle. **(4 Lectures)**
- C. Environmental Principles-2**: the equity principle; human rights principles; the participation principle. **(4 Lectures)**

#### **Module 3 Science and Technology II (11 lectures)**

##### **Part A: Some Significant Modern Technologies, Features and Applications:**

**(7 Lectures)**

- i. **Laser Technology**- Light Amplification by Stimulated Emission of Radiation; use of laser in remote sensing, GIS/GPS mapping, medical use.
- ii. **Satellite Technology**- various uses in satellite navigation systems, GPS, and imprecise climate and weather analyses.
- iii. **Information and Communication Technology**- convergence of various technologies like satellite, computer and digital in the information revolution of today's society.
- iv. **Biotechnology and Genetic engineering**- applied biology and uses in medicine, pharmaceuticals and agriculture; genetically modified plant, animal and human life.
- v. **Nanotechnology**- definition: the study, control and application of phenomena and materials at length scales below 100 nm; uses in medicine, military intelligence and consumer products.

##### **Part B: Issues of Control, Access and Misuse of Technology. (4 Lectures)**

**Module 4 Introduction to Competitive Examinations (11 lectures)**

**Part A. Basic information on Competitive Examinations- the pattern, eligibility criteria and local centres: (4 Lectures)**

- i. Examinations conducted for entry into professional courses - Graduate Record Examinations (GRE), Graduate Management Admission Test (GMAT), Common Admission Test (CAT) and Scholastic Aptitude Test (SAT).
- ii. Examinations conducted for entry into jobs by Union Public Service Commission, Staff Selection Commission (SSC), State Public Service Commissions, Banking and Insurance sectors, and the National and State Eligibility Tests (NET / SET) for entry into teaching profession.

**Part B. Soft skills required for competitive examinations- (7 Lectures)**

- i. Information on areas tested: Quantitative Ability, Data Interpretation, Verbal Ability and Logical Reasoning, Creativity and Lateral Thinking
- ii. Motivation: Concept, Theories and Types of Motivation
- iii. Goal-Setting: Types of Goals, SMART Goals, Stephen Covey's concept of human endowment
- iv. Time Management: Effective Strategies for Time Management
- v. Writing Skills: Paragraph Writing, Report Writing, Filing an application under the RTI Act, Consumer Grievance Letter.

**Projects / Assignments (for Internal Assessment)**

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
- ii. Students should be given a list of possible topics - at least 3 from each Module at the beginning of the semester.
- iii. The Project/Assignment can take the form of Street-Plays / Power-Point Presentations / Poster Exhibitions and similar other modes of presentation appropriate to the topic.
- iv. Students can work in groups of not more than 8 per topic.
- v. Students must submit a hard / soft copy of the Project / Assignment before appearing for the semester end examination.

**QUESTION PAPER PATTERN (Semester IV)**

The Question Paper Pattern for Semester End Examination shall be as follows:

**TOTAL MARKS: 75**

**DURATION: 150 MINUTES**

<b>QUESTION NUMBER</b>	<b>DESCRIPTION</b>	<b>MARKS ASSIGNED</b>
<b>1</b>	<b>i.</b> Question 1 A will be asked on the meaning / definition of concepts / terms from all Modules.	<b>a)</b> Total marks: 15 <b>b)</b> For 1 A, there will be 3 marks for each sub-question.

	<p><b>ii.</b> Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semester</p> <p><b>iii.</b> In all 8 Questions will be asked out of which 5 have to be attempted.</p>	c) For 1 B there will be 15 marks without any break-up.
<b>2</b>	Descriptive Question with internal option (A or B) on Module 1	15
<b>3</b>	Descriptive Question with internal option (A or B) on Module 2	15
<b>4</b>	Descriptive Question with internal option (A or B) on Module 3	15
<b>5</b>	Descriptive Question with internal option (A or B) on Module 4	15

## References

1. Asthana, D. K., and Asthana, Meera, *Environmental Problems and Solutions*, S. Chand, New Delhi, 2012.
2. Bajpai, Asha, *Child Rights in India*, Oxford University Press, New Delhi, 2010.
3. Bhatnagar Mamta and Bhatnagar Nitin, *Effective Communication and Soft Skills*, Pearson India, New Delhi, 2011.
4. G Subba Rao, *Writing Skills for Civil Services Examination*, Access Publishing, New Delhi, 2014
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7. Motilal, Shashi, and Nanda, Bijoy Lakshmi, *Human Rights: Gender and Environment*, Allied Publishers, New Delhi, 2007.



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10. Reza, B. K., *Disaster Management*, Global Publications, New Delhi, 2010.
11. Sathe, Satyaranjan P., *Judicial Activism in India*, Oxford University Press, New Delhi, 2003.
12. Singh, Ashok Kumar, *Science and Technology for Civil Service Examination*, Tata McGraw Hill, New Delhi, 2012.
13. Thorpe, Edgar, *General Studies Paper I Volume V*, Pearson, New Delhi, 2017.



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**Syllabus of course that include experiential learning through project work**

**5. F.Y.B.Sc.  
Foundation Course**

AC. 6.6.2012

Item No.4.49

# UNIVERSITY OF MUMBAI



**Revised Syllabus for the F.Y.B.A/F.Y.B.Sc.**

**Program: F.Y.B.A/F.Y.B.Sc.**

**Course: Foundation Course**

**(Semester I & II)**

(As per Credit Based Semester and Grading System  
with effect from the academic year 2012–2013)

**Revised Syllabus (From 2012-13)**  
**Foundation Course for F. Y. B.Sc**  
**Semester 1**  
**Course Code: US FC 1C1**

**Lectures 45**  
**Marks 100**

**Unit 1**

**Overview of Indian Society:**

Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender;  
Appreciate the concept of linguistic diversity in relation to the Indian situation;  
Understand regional variations according to rural, urban and tribal characteristics;  
Understanding the concept of diversity as difference. *(5 lectures)*

**Unit 2**

**Concept of Disparity- 1:**

Understand the concept of disparity as arising out of stratification and inequality;  
Explore the disparities arising out of gender with special reference to violence against women, female foeticide (declining sex ratio), and portrayal of women in media;  
Appreciate the inequalities faced by people with disabilities and understand the issues of people with physical and mental disabilities. *(10 lectures)*

**Unit 3**

**Concept of Disparity-2:**

Examine inequalities manifested due to the caste system and inter-group conflicts arising thereof;  
Understand inter-group conflicts arising out of communalism;  
Examine the causes and effects of conflicts arising out of regionalism and linguistic differences. *(10 lectures)*

**Unit 4**

**The Indian Constitution:**

Philosophy of the Constitution as set out in the Preamble;  
The structure of the Constitution-the Preamble, Main Body and Schedules;  
Fundamental Duties of the Indian Citizen; tolerance, peace and communal harmony as crucial values in strengthening the social fabric of Indian society;  
Basic features of the Constitution. *(10 lectures)*

**Unit 5**

**Significant Aspects of Political Processes:**

The party system in Indian politics;  
Local self-government in urban and rural areas; the 73<sup>rd</sup> and 74<sup>th</sup> Amendments and their implications for inclusive politics;  
Role and significance of women in politics. *(10 lectures)*

**Unit 6**

**Growing Social Problems in India:**

- a) Substance abuse- impact on youth & challenges for the future
- b) HIV/AIDS- awareness, prevention, treatment and services
- c) Problems of the elderly- causes, implications and response
- d) Issue of child labour- magnitude, causes, effects and response
- e) Child abuse- effects and ways to prevent
- f) Trafficking of women- causes, effects and response

*(15 lectures)*

**Note:**

**15 lectures will be allotted for project guidance**

**Unit Number 6 will not be assessed for the Semester End Exam**

**Revised Syllabus (From 2012-13)**  
**Foundation Course for F. Y. B.Sc.**  
**Semester II**  
**Course Code: US FC 2C1**

**Lectures 45**  
**Marks 100**

**Unit 1**

**Globalisation and Indian Society:**

Understanding the concepts of liberalization, privatization and globalization;  
Growth of information technology and communication and its impact manifested in everyday life;  
Impact of globalization on industry: changes in employment and increasing migration;  
Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides. (7 lectures)

**Unit 2**

**Human Rights**

Concept of Human Rights; origin and evolution of the concept;  
The Universal Declaration of Human Rights;  
Human Rights constituents with special reference to Fundamental Rights stated in the Constitution; (10lectures)

**Unit 3**

**Ecology**

Importance of Environment Studies in the current developmental context;  
Understanding concepts of Environment, Ecology and their interconnectedness;  
Environment as natural capital and connection to quality of human life;  
Environmental Degradation- causes and impact on human life;  
Sustainable development- concept and components; poverty and environment (10 lectures)

**Unit 4**

**Understanding Stress and Conflict:**

Causes of stress and conflict in individuals and society;  
Agents of socialization and the role played by them in developing the individual;  
Significance of values, ethics and prejudices in developing the individual;  
Stereotyping and prejudice as significant factors in causing conflicts in society.  
Aggression and violence as the public expression of conflict; (10 lectures)

## **Unit 5**

### **Managing Stress and Conflict in Contemporary Society:**

Types of conflicts and use of coping mechanisms for managing individual stress;

Maslow's theory of self-actualisation;

Different methods of responding to conflicts in society;

Conflict-resolution and efforts towards building peace and harmony in society.

(8 lectures)

## **Unit 6**

### **Contemporary Societal Challenges:**

a) Increasing urbanization, problems of housing, health and sanitation;

b) Changing lifestyles and impact on culture in a globalised world.

c) Farmers' suicides and agrarian distress.

d) Debate regarding Genetically Modified Crops.

e) Development projects and Human Rights violations.

f) Increasing crime/suicides among youth.

(15 lectures)

### **Note:**

**15 lectures will be allotted for project guidance**

**Unit Number 6 will not be assessed for the Semester End Exam**

### **Internal Assessment and Question Paper Pattern for FC- Semester I & II Course At the F Y B Sc Examinations**

The student will be assessed on the basis of Internal Assessment of 40 marks and a Semester End Exam of 60 marks. The student will have to secure a minimum of 40% marks in aggregate and a minimum of 40% in each component of assessment i.e. 16 out of 40 in Internal Assessment and 24 out of 60 in Semester End Exam.

### **Internal Assessment:**

- There will be one mid-semester test of 10 marks on Units 1 and 2.
- The test will, as far as possible, comprise of objective questions and/or short notes.
- The student will have to submit an assignment/project for 20 marks before appearing for the Semester End Exam. This assignment/project will be entirely based on Unit 6 and can take the form of street-plays/exhibition/power-point presentations or similar other modes suitable to the topic selected; students can work in groups of not more than 8 for the purpose of this assignment. Students will have to submit a hard copy of the assignment before appearing for the Semester End Exam. The assignment will be assessed for 20 marks of which 10 marks may be allotted for a viva, to assess the level of engagement of the student with the topic assigned.
- Unit 6 will not be included in the Semester End Exam.
- 10 marks will be assigned to the participation of the student in class discussions and the projects undertaken along with the leadership skills and presentation skills exhibited during the class sessions.

### **Semester End Exam:**

- There will be a Semester End Exam for 60 marks of 2 hours duration.
- This exam will comprise of four compulsory questions covering Units 1-5 of the syllabus.
- Question No. 1, 2 and 3 will be Full-length questions for 15 marks each; there will be an internal choice in each of these questions requiring the students to answer one of two questions asked.
- Full-length questions will be from Units 2, 3, 4 and 5 only.
- Question No. 4 will be of the Short Note type where each Short Note will be for 3 marks each. Students will be required to answer 5 out of 8 Short Notes.
- Short note questions will be from Units 1, 2, 3, 4 and 5.
- Unit 1 will not feature in the Full-length questions but will be asked only in the form of Short Note questions.

**NOTE: All other rules regarding Standard of Passing, ATKT, etc., will be as per those decided by the Faculty of Science and passed by the Academic Council from time to time.**





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**Syllabus of course that include experiential learning through project work**

**6. S.Y.B.Sc.  
Foundation Course**

**UNIVERSITY OF MUMBAI****Syllabus for Approval**

Sr. No.	Heading	Particulars
1	Title of the Course	<b>Foundation Course (SYBA, SYBSc, SYBCom; Semesters III and IV)</b>
2	Eligibility for Admission	Not Applicable
3	Passing Marks	<b>40 %</b>
4	Ordinances / Regulations ( if any)	Not Applicable
5	No. of Years / Semesters	<b>III and IV Semesters</b>
6	Level	<del>P.G./</del> <b>U.G./</b> <del>Diploma / Certificate</del> ( Strike out which is not applicable)
7	Pattern	<del>Yearly /</del> <b>Semester</b> ( Strike out which is not applicable)
8	Status	<del>New /</del> <b>Revised</b> ( Strike out which is not applicable)
9	To be implemented from Academic Year	<b>From Academic Year 2017-18</b>

Date: **8<sup>th</sup> May, 2017**

Signature :

Name of BOS Chairperson /Dean : **Dr Agnelo Menezes**

# UNIVERSITY OF MUMBAI



## Essentials Elements of the Syllabus

1	Title of the Course	<b>Foundation Course (SYBA, SYBSc, SYBCom – III and IV Semesters)</b>
2	Course Code	
3	Preamble / Scope	Not Applicable
4	Objective of Course / Course Outcome	Not Applicable
5	Eligibility	Not Applicable
6	Fee Structure	Not Applicable
7	No. of Lectures	<b>3 lectures per week</b>
8	No. of Practical	Not Applicable
9	Duration of the Course	<b>III and IV Semesters respectively</b>
10	Notional hours	Not Applicable
11	No. of Students per Batch	Not Applicable
12	Selection	Not Applicable
13	Assessment	Not Applicable
14	Syllabus Details	Given
15	Title of the Unit	Not Applicable
16	Title of the Sub-Unit	Not Applicable
17	Semester wise Theory	Not Applicable
18	Semester wise List of Practical	Not Applicable
19	Question Paper Pattern	Given
20	Pattern of Practical Exam	Not Applicable
21	Scheme of Evaluation of Project / <del>Internship</del>	Given
22	List of Suggested Reading	Given
23	List of Websites	Given
24	List of You-Tube Videos	Not Applicable
25	List of MOOCs	Not Applicable

**UNIVERSITY OF MUMBAI**

**SECOND YEAR B.A., SECOND YEAR B.Sc.,  
SECOND YEAR B.Com.**

**SEMESTER III AND IV**

**FOUNDATION COURSE**

**UNDER THE CBCGSS SYSTEM**

**EFFECTIVE FROM 2017-2018**

## FOUNDATION COURSE

### Semester III

Internal marks: 25

External marks: 75

Total Marks: 100

Lectures: 45

### Objectives

- i. Develop a basic understanding about issues related to Human Rights of weaker sections, ecology, and science and technology.
- ii. Gain an overview of significant skills required to address competition in career choices
- iii. Appreciate the importance of developing a scientific temper towards technology and its use in everyday life

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- D. Human Rights issues in addressing disasters- issues related to compensation, equitable and fair distribution of relief and humanitarian approach to resettlement and rehabilitation. (3 Lectures)

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D. **Science in everyday life**- technology, its meaning and role in development; Interrelation and distinction between science and technology. **(3 Lectures)**

**Module 4 Soft Skills for Effective Interpersonal Communication (11 lectures)**

**Part A (4 Lectures)**

- I) Effective Listening - Importance and Features.
- II) Verbal and Non-Verbal Communication; Public-Speaking and Presentation Skills.
- III) Barriers to Effective Communication; Importance of Self-Awareness and Body Language.

**Part B (4 Lectures)**

- I) Formal and Informal Communication - Purpose and Types.
- II) Writing Formal Applications, Statement of Purpose (SOP) and Resume.
- III) Preparing for Group Discussions, Interviews and Presentations.

**Part C (3 Lectures)**

- I) Leadership Skills and Self-Improvement - Characteristics of Effective Leadership.
- II) Styles of Leadership and Team-Building.

**Projects / Assignments (for Internal Assessment)**

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
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	<p>Modules.</p> <p><b>ii.</b> Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semester</p> <p><b>iii.</b> In all 8 Questions will be asked out of which 5 have to be attempted.</p>	<p><b>b)</b>For 1 A, there will be 3 marks for each sub-question.</p> <p><b>c)</b>For 1 B there will be 15 marks without any break-up.</p>
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## FOUNDATION COURSE

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**External marks: 75**

**Total Marks: 100**

**Lectures: 45**

#### **Module 1 Significant, contemporary Rights of Citizens (12 lectures)**

- A. Rights of Consumers-**Violations of consumer rights and important provisions of the Consumer Protection Act, 2016; Other important laws to protect consumers; Consumer courts and consumer movements. **(3 Lectures)**
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##### **Part A: Some Significant Modern Technologies, Features and Applications:**

**(7 Lectures)**

- i. **Laser Technology-** Light Amplification by Stimulated Emission of Radiation; use of laser in remote sensing, GIS/GPS mapping, medical use.
- ii. **Satellite Technology-** various uses in satellite navigation systems, GPS, and imprecise climate and weather analyses.
- iii. **Information and Communication Technology-** convergence of various technologies like satellite, computer and digital in the information revolution of today's society.
- iv. **Biotechnology and Genetic engineering-** applied biology and uses in medicine, pharmaceuticals and agriculture; genetically modified plant, animal and human life.
- v. **Nanotechnology-** definition: the study, control and application of phenomena and materials at length scales below 100 nm; uses in medicine, military intelligence and consumer products.

##### **Part B: Issues of Control, Access and Misuse of Technology. (4 Lectures)**



**Module 4 Introduction to Competitive Examinations (11 lectures)**

**Part A. Basic information on Competitive Examinations- the pattern, eligibility criteria and local centres: (4 Lectures)**

- i. Examinations conducted for entry into professional courses - Graduate Record Examinations (GRE), Graduate Management Admission Test (GMAT), Common Admission Test (CAT) and Scholastic Aptitude Test (SAT).
- ii. Examinations conducted for entry into jobs by Union Public Service Commission, Staff Selection Commission (SSC), State Public Service Commissions, Banking and Insurance sectors, and the National and State Eligibility Tests (NET / SET) for entry into teaching profession.

**Part B. Soft skills required for competitive examinations- (7 Lectures)**

- i. Information on areas tested: Quantitative Ability, Data Interpretation, Verbal Ability and Logical Reasoning, Creativity and Lateral Thinking
- ii. Motivation: Concept, Theories and Types of Motivation
- iii. Goal-Setting: Types of Goals, SMART Goals, Stephen Covey's concept of human endowment
- iv. Time Management: Effective Strategies for Time Management
- v. Writing Skills: Paragraph Writing, Report Writing, Filing an application under the RTI Act, Consumer Grievance Letter.

**Projects / Assignments (for Internal Assessment)**

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
- ii. Students should be given a list of possible topics - at least 3 from each Module at the beginning of the semester.
- iii. The Project/Assignment can take the form of Street-Plays / Power-Point Presentations / Poster Exhibitions and similar other modes of presentation appropriate to the topic.
- iv. Students can work in groups of not more than 8 per topic.
- v. Students must submit a hard / soft copy of the Project / Assignment before appearing for the semester end examination.

**QUESTION PAPER PATTERN (Semester IV)**

The Question Paper Pattern for Semester End Examination shall be as follows:

**TOTAL MARKS: 75**

**DURATION: 150 MINUTES**

<b>QUESTION NUMBER</b>	<b>DESCRIPTION</b>	<b>MARKS ASSIGNED</b>
<b>1</b>	<b>i.</b> Question 1 A will be asked on the meaning / definition of concepts / terms from all Modules.	<b>a)</b> Total marks: 15 <b>b)</b> For 1 A, there will be 3 marks for each sub-question.

	<p><b>ii.</b> Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semester</p> <p><b>iii.</b> In all 8 Questions will be asked out of which 5 have to be attempted.</p>	c) For 1 B there will be 15 marks without any break-up.
<b>2</b>	Descriptive Question with internal option (A or B) on Module 1	15
<b>3</b>	Descriptive Question with internal option (A or B) on Module 2	15
<b>4</b>	Descriptive Question with internal option (A or B) on Module 3	15
<b>5</b>	Descriptive Question with internal option (A or B) on Module 4	15

## References

1. Asthana, D. K., and Asthana, Meera, *Environmental Problems and Solutions*, S. Chand, New Delhi, 2012.
2. Bajpai, Asha, *Child Rights in India*, Oxford University Press, New Delhi, 2010.
3. Bhatnagar Mamta and Bhatnagar Nitin, *Effective Communication and Soft Skills*, Pearson India, New Delhi, 2011.
4. G Subba Rao, *Writing Skills for Civil Services Examination*, Access Publishing, New Delhi, 2014
5. Kaushal, Rachana, *Women and Human Rights in India*, Kaveri Books, New Delhi, 2000.
6. Mohapatra, Gaur Krishna Das, *Environmental Ecology*, Vikas, Noida, 2008.
7. Motilal, Shashi, and Nanda, Bijoy Lakshmi, *Human Rights: Gender and Environment*, Allied Publishers, New Delhi, 2007.

8. Murthy, D. B. N., *Disaster Management: Text and Case Studies*, Deep and Deep Publications, New Delhi, 2013.
9. Parsuraman, S., and Unnikrishnan, ed., *India Disasters Report II*, Oxford, New Delhi, 2013
10. Reza, B. K., *Disaster Management*, Global Publications, New Delhi, 2010.
11. Sathe, Satyaranjan P., *Judicial Activism in India*, Oxford University Press, New Delhi, 2003.
12. Singh, Ashok Kumar, *Science and Technology for Civil Service Examination*, Tata McGraw Hill, New Delhi, 2012.
13. Thorpe, Edgar, *General Studies Paper I Volume V*, Pearson, New Delhi, 2017.



*Rayat Shikshan Sanstha's*

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(Vikhare-Gothane), Tal: Rajapur, Dist: Ratnagiri. 416 702(MH)**

*Affiliated to University of Mumbai, Mumbai*

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**Syllabus of course that include experiential learning through project work**

**7. T.Y.B.A**

**Information Technology in Hindi**

**(UAHIN-503) Paper-VI**

# University of Mumbai



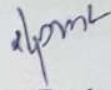
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They are hereby informed that the recommendations made by the Board of Studies in Hindi at its meeting held on 9<sup>th</sup> April, 2019 have been accepted by the Academic Council at its meeting held on 15<sup>th</sup> April, 2019 vide item No. 4.25 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. (Sem. V & VI) in Hindi has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032  
3<sup>rd</sup> June, 2019  
To

  
(Dr. Ajay Deshmukh)  
REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9<sup>th</sup> January, 2018.)

A.C./4.25/15/04/2019

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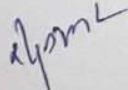
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MUMBAI-400 032

3<sup>rd</sup> June, 2019

Copy forwarded with Compliments for information to:-

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- 3) The Director, Board of Examinations and Evaluation,
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(Dr. Ajay Deshmukh)  
REGISTRAR



**UNIVERSITY OF MUMBAI**  
**Revised Syllabus**  
**And**  
**Pattern of Question Paper in the**  
**Subject of**  
**Hindi**  
**At the**  
**T.Y.B.A. Examination**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**(Paper – IV,V,VI,VII,VIII,IX)**  
**(With effect from the Academic Year: 2019-2020)**

**UNIVERSITY OF MUMBAI**  
Revised Syllabus and Pattern of Question Paper in the  
Subject of Hindi at the  
**T.Y.B.A. Examination**  
CHOICE BASED CREDIT SYSTEM (CBCS)  
(With effect from the Academic Year : 2019-2020)

**हिन्दी अध्ययन मंडल**

अध्यक्ष : डॉ. अनिल सिंह

1. डॉ. करुणाशंकर उपाध्याय(सदस्य)
2. डॉ. हूबनाथ पाण्डेय(सदस्य)
3. डॉ. विद्या शिंदे (सदस्य)
4. डॉ. शीला आहुजा (सदस्य)
5. डॉ. चित्रा गोस्वामी(सदस्य)
6. डॉ. संतोष मोटवानी(सदस्य)
7. डॉ. प्रकाश धुमाल(सदस्य)
8. डॉ. गौतम सोनकांबले(सदस्य)
9. डॉ. मोहसिन खान(सदस्य)

**पाठ्यक्रम समिति**

1. डॉ. प्रकाश धुमाल (समन्वयक)
2. डॉ. मनप्रीत कौर (सदस्य)
3. डॉ. विद्या शिंदे(सदस्य)
4. डॉ. शीला आहुजा(सदस्य)
5. डॉ. संतोष मोटवानी (सदस्य)
6. डॉ. गौतम सोनकांबले(सदस्य)
7. डॉ. मोहसिन खान(सदस्य)
8. डॉ. एस.के. पवार(सदस्य)
9. डॉ. संजय सिंह(सदस्य)

**मुंबई विश्वविद्यालय, मुंबई**

**T.Y.B.A.HINDI COURSE - VI**  
**(Information Technology in Hindi)**

**CourseCode- UAHIN-503**

**कुल व्याख्यान-45**

**SEMESTER-V**

**Credit- 4**

**प्रश्न पत्र –VI**

**हिन्दी में सूचना प्रौद्योगिकी**

- इकाई I
- सूचना प्रौद्योगिकी : अर्थ, परिभाषा और स्वरूप
  - कम्प्यूटर पर हिन्दी में कामकाज का परिचय (हिन्दी फॉन्ट, कम्प्यूटर पर आधारित हिन्दी के सॉफ्टवेयर्स)
  - गूगल अनुवाद उपयोगिता, समस्याएँ।
- इकाई II
- इन्टरनेट और हिन्दी (हिन्दी में ईमेल, नेट पर हिन्दी विज्ञापन, नेट पर हिन्दी समाचार चैनल, हिन्दी की साहित्यिक ई-पत्रिकाएँ, गैर साहित्यिक हिन्दी की वेबसाइट)
  - संचार माध्यम और रोज़गार की संभावनाएँ
  - प्रिन्ट मीडिया और इलेक्ट्रॉनिक मीडिया का विकास, कठिनाइयाँ और उपयोगिता
- इकाई III
- भारत में डिजिटलाइज़ेशन का विकास, कठिनाइयाँ और उपयोगिता
  - सूचना प्रौद्योगिकी की जीवन में सकारात्मक एवं नकारात्मक भूमिका।
  - सूचना प्रौद्योगिकी हिन्दी भाषा, देवनागरी लिपि का वैश्विक प्रसार और प्रयोग।
- इकाई IV
- सूचना प्रौद्योगिकी का शिक्षा के क्षेत्र में योगदान
  - सूचना प्रौद्योगिकी का महत्त्व, आवश्यकता और उपयोगिता
  - सूचना प्रौद्योगिकी समस्याएँ, सीमाएँ और चुनौतियाँ।
- सूचना : प्रकल्प — २० अंक



(पाठ्यक्रम से संबंधित किसी भी विषय पर 15 से 20 पृष्ठों का प्रकल्प तैयार करना अपेक्षित है।)

**संदर्भ ग्रंथ :**

1. आधुनिक जनसंचार और हिन्दी — हरिमोहन
2. कंप्यूटर के भाषिक अनुप्रयोग — विजय कुमार मल्होत्रा
3. कंप्यूटर और हिन्दी — हरिमोहन
4. पत्रकारिता से मीडिया तक — मनोज कुमार
5. इन्टरनेट — शशि शुक्ला
6. प्रयोजनमूलक हिन्दी — डॉ. पी. लता
7. प्रयोजनमूलक हिन्दी — रमेश जैन
8. जनसंचार और हिन्दी पत्रकारिता — डॉ. अर्जुन तिवारी
9. प्रयोजनमूलक हिन्दी — डॉ. विनोद गोदरे
10. प्रयोजनमूलक हिन्दी के विविध आयाम — डॉ. माया सिंह और डॉ. विद्देश्वर कश्यप
11. वर्चुअल रियलिटी और इन्टरनेट — जगदीश्वर चतुर्वेदी
12. मीडिया भूमंडलीकरण और समाज — संपादक : संजय द्विवेदी
13. जनसंचार और मीडिया लेखन — डॉ. दत्तात्रय मुरुमकर
14. अनुवाद का समकाल — डॉ. मोहसिन खान

अवधि : 02½ घंटे

नमूना प्रश्न पत्र  
**Semester - V**  
**Course - VI**

पूर्णांक :80

सूचना: 1.अंतिम प्रश्न अनिवार्य है।

2.शेष चार प्रश्नों में से किन्हीं तीन के उत्तर लिखिए।

3.सभी प्रश्नों के लिए समान अंक हैं।

प्रश्न 1 कंप्यूटर में हिंदी फॉन्ट परिवर्तन को बताते हुए हिंदी टाइपिंग टूल पर प्रकाश डालिए। 20

**अथवा**

गूगल अनुवाद की समस्याओं एवं उपयोगिताओं पर लेख लिखिए।

प्रश्न2 इंटरनेट पर हिंदी विज्ञापनों के महत्त्व और उसके उपयोगिता की चर्चा कीजिए। 20

**अथवा**

संचार माध्यम में रोज़गार की सम्भावनाओं पर प्रकाश डालिए।

प्रश्न 3 सूचना प्रौद्योगिकी में हिंदी भाषा के प्रसार एवं प्रयोग पर प्रकाश डालिए। 20

**अथवा**

भारत में डिज़िटलाइजेशन के विकास को बताते हुए उसकी उपयोगिता सिद्ध करें।

प्रश्न 4 सूचना प्रौद्योगिकी के शिक्षा के क्षेत्र में योगदान पर युक्तियुक्त उत्तर दीजिए। 20

**अथवा**

सूचना प्रौद्योगिकी की समस्याएँ एवं चुनौतियों पर अपने विचार अभिव्यक्त कीजिए।

प्रश्न5 किन्हीं दो पर टिप्पणियाँ लिखिए :- 20

क) हिंदी में ई-मेल।

ख) गैर साहित्यिक हिंदी की वेबसाइट।

ग) संचार माध्यमों में रोज़गार।

घ) सूचना प्रौद्योगिकी की समस्याएँ

—:—



*Rayat Shikshan Sanstha's*

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**Syllabus of course that include experiential learning through project work**

## **8. T.Y.B.A**

### **Ideological Background of Modern Hindi Literature (UAHIN-506) Paper-IX**

# University of Mumbai



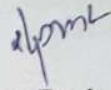
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MUMBAI – 400 032  
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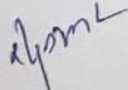
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**UNIVERSITY OF MUMBAI**  
**Revised Syllabus**  
**And**  
**Pattern of Question Paper in the**  
**Subject of**  
**Hindi**  
**At the**  
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**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**(Paper – IV,V,VI,VII,VIII,IX)**  
**(With effect from the Academic Year: 2019-2020)**

**UNIVERSITY OF MUMBAI**  
Revised Syllabus and Pattern of Question Paper in the  
Subject of Hindi at the  
**T.Y.B.A. Examination**  
CHOICE BASED CREDIT SYSTEM (CBCS)  
(With effect from the Academic Year : 2019-2020)

**हिन्दी अध्ययन मंडल**

अध्यक्ष : डॉ. अनिल सिंह

1. डॉ. करुणाशंकर उपाध्याय(सदस्य)
2. डॉ. हूबनाथ पाण्डेय(सदस्य)
3. डॉ. विद्या शिंदे (सदस्य)
4. डॉ. शीला आहुजा (सदस्य)
5. डॉ. चित्रा गोस्वामी(सदस्य)
6. डॉ. संतोष मोटवानी(सदस्य)
7. डॉ. प्रकाश धुमाल(सदस्य)
8. डॉ. गौतम सोनकांबले(सदस्य)
9. डॉ. मोहसिन खान(सदस्य)

**पाठ्यक्रम समिति**

1. डॉ. प्रकाश धुमाल (समन्वयक)
2. डॉ. मनप्रीत कौर (सदस्य)
3. डॉ. विद्या शिंदे(सदस्य)
4. डॉ. शीला आहुजा(सदस्य)
5. डॉ. संतोष मोटवानी (सदस्य)
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7. डॉ. मोहसिन खान(सदस्य)
8. डॉ. एस.के. पवार(सदस्य)
9. डॉ. संजय सिंह(सदस्य)

**मुंबई विश्वविद्यालय, मुंबई**

**T.Y.B.A. Course - IX**  
**Semester - V**  
**Credits - 4**  
**कुल व्याख्यान -45**  
**Course Code - UAHIN - 506**  
**कला, तृतीय वर्ष (हिंदी)**  
**प्रश्नपत्र—IX**  
**आधुनिक हिंदी साहित्य की वैचारिक पृष्ठभूमि**  
**(T.Y.B.A. Hindi Paper - IX)**  
**(Ideological Background of Modern Hindi Literature)**

- इकाई I      भारतीय नवजागरण आंदोलन और हिंदी साहित्य पर उसका प्रभाव (सामाजिक दृष्टि से होने वाले वैचारिक एवं व्यावहारिक बदलाव के विशेष संदर्भ में)
- भारतीय नव जागरण आंदोलन  
(ब्रह्म समाज, प्रार्थना समाज, रामकृष्ण मिशन, थियोसोफिकल सोसाइटी सत्यशोधक समाज का सामान्य परिचय एवं मान्यताएँ)
  - आर्य समाज के सामाजिक दार्शनिक सिद्धांतों का हिंदी कविता और उपन्यास पर प्रभाव
- इकाई II      गांधीवादी चिंतन का हिंदी कविता और उपन्यास पर प्रभाव
- इकाई III      मार्क्सवाद : हिंदी कविता और हिंदी कथा साहित्य पर प्रभाव
- इकाई IV      राष्ट्रीय चेतना के विकास में हिंदी पत्र—पत्रिकाओं का योगदान —  
(हरिश्चंद्र मैगजीन, हिंदुस्तान, हिंदी प्रदीप, सरस्वती, स्वराज, कर्मवीर, चांद और मतवाला के विशेष संदर्भ में)

**सूचना :**      प्रकल्प — २० अंक

(पाठ्यक्रम से संबंधित किसी भी विषय पर 15 से 20 पृष्ठों का प्रकल्प तैयार करना अपेक्षित है।)

**संदर्भ ग्रंथ :**

1. बंगाल में स्वदेशी आंदोलन — सुमित सरकार
2. आज का भारत — रजनी पामदत्त
3. सत्य के प्रयोग — मोहनदास करमचंद गांधी
4. गुलामी — ज्योतिराव फुले
5. हिंदी साहित्य में प्रतिबंधित चिंतन प्रवाह — सुधाकर गोकाकर और गो. रा. कुलकर्णी
6. हिंदी साहित्य पर गांधीवादी प्रभाव — डॉ. अरविंद जोशी
7. मार्क्सवाद — यशपाल
8. हिंदी पत्रकारिता — डॉ. कृष्ण बिहारी मिश्र
9. समाचार पत्रों का इतिहास — अंबिका प्रसाद वाजपेयी
10. भारतीय पत्रकारिता कोश — विजय दत्त श्रीधर
11. मार्क्सवादी साहित्य चिंतन — शिवकुमार मिश्र
12. भारतीय समाज में नारी — निरा देसाई
13. भारतीय दलित आंदोलन का इतिहास — मोहनदास नैमिशराय
14. आधुनिक हिंदी कथा साहित्य और मनोविज्ञान — डॉ. देवराज उपाध्याय



नमूना प्रश्न पत्र  
Semester - V  
Course - IX

अवधि : 02 ½ घंटे

पूर्णांक : 80

सूचना: 1.अंतिम प्रश्न अनिवार्य है।

2.शेष चार प्रश्नों में से किन्हीं तीन के उत्तर लिखिए।

3.सभी प्रश्नों के लिए समान अंक हैं।

प्रश्न 1 ब्रह्म समाज तथा प्रार्थना समाज का सामान्य परिचय देते हुए 20  
उनकी मान्यताओं पर प्रकाश डालिए।

अथवा

आर्य समाज के सामाजिक एवं दार्शनिक सिद्धान्त का हिन्दी  
कविता पर पड़ेप्रभाव को रेखांकित कीजिए।

प्रश्न 2 गांधीवादी चिंतन के हिन्दी कविता पर हुए प्रभाव को सोदाहरण 20  
समझाइए।

अथवा

गांधीवादी चिंतन की हिन्दी उपन्यास में किस प्रकार अभिव्यक्ति  
हुई है? चर्चा कीजिए।

प्रश्न 3 मार्क्सवाद के हिन्दी कविता पर हुए प्रभाव को सोदाहरण 20  
लिखिए।

अथवा

मार्क्सवाद से प्रभावित हिन्दी कथा साहित्य पर प्रकाश डालिए।

प्रश्न 4 राष्ट्रीय चेतना के विकास में सरस्वती और मतवाला पत्रिकाओं 20  
के योगदान को रेखांकित कीजिए।

अथवा

हरिश्चंद्र मैगजीन और कर्मवीर पत्रिकाओं ने राष्ट्रीय चेतना के  
विकास में अपनी महत्वपूर्ण योगदान दिया है, स्पष्ट कीजिए।

प्रश्न 5 किन्हीं दो विषयों पर टिप्पणियाँ लिखिए :- 20

क) सत्यशोधक समाज

ख) गांधीवादी चिंतन का स्वरूप

ग) मार्क्सवाद का स्वरूप

घ) हिन्दी प्रदीप।



*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
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**Syllabus of course that include experiential learning through project work**

**9. T.Y.B.A**

**Social Media**

**(UAHIN-(603)) Paper-VI**

# University of Mumbai



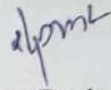
No. UG/ 30 of 2019-20

## CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office Circular No. UG/60 of 2018-19, dated 6<sup>th</sup> July, 2018 relating to the revised syllabus as per (CBCS) for the T.Y.B.A. in Hindi (Sem. V & VI).

They are hereby informed that the recommendations made by the Board of Studies in Hindi at its meeting held on 9<sup>th</sup> April, 2019 have been accepted by the Academic Council at its meeting held on 15<sup>th</sup> April, 2019 vide item No. 4.25 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. (Sem. V & VI) in Hindi has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032  
3<sup>rd</sup> June, 2019  
To

  
(Dr. Ajay Deshmukh)  
REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9<sup>th</sup> January, 2018.)

A.C./4.25/15/04/2019

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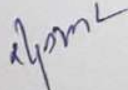
No. UG/ 30 -A of 2019

MUMBAI-400 032

3<sup>rd</sup> June, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Hindi,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

  
(Dr. Ajay Deshmukh)  
REGISTRAR



**UNIVERSITY OF MUMBAI**  
**Revised Syllabus**  
**And**  
**Pattern of Question Paper in the**  
**Subject of**  
**Hindi**  
**At the**  
**T.Y.B.A. Examination**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**(Paper – IV,V,VI,VII,VIII,IX)**  
**(With effect from the Academic Year: 2019-2020)**

**UNIVERSITY OF MUMBAI**  
Revised Syllabus and Pattern of Question Paper in the  
Subject of Hindi at the  
**T.Y.B.A. Examination**  
CHOICE BASED CREDIT SYSTEM (CBCS)  
(With effect from the Academic Year : 2019-2020)

**हिन्दी अध्ययन मंडल**

अध्यक्ष : डॉ. अनिल सिंह

1. डॉ. करुणाशंकर उपाध्याय(सदस्य)
2. डॉ. हूबनाथ पाण्डेय(सदस्य)
3. डॉ. विद्या शिंदे (सदस्य)
4. डॉ. शीला आहुजा (सदस्य)
5. डॉ. चित्रा गोस्वामी(सदस्य)
6. डॉ. संतोष मोटवानी(सदस्य)
7. डॉ. प्रकाश धुमाल(सदस्य)
8. डॉ. गौतम सोनकांबले(सदस्य)
9. डॉ. मोहसिन खान(सदस्य)

**पाठ्यक्रम समिति**

1. डॉ. प्रकाश धुमाल (समन्वयक)
2. डॉ. मनप्रीत कौर (सदस्य)
3. डॉ. विद्या शिंदे(सदस्य)
4. डॉ. शीला आहुजा(सदस्य)
5. डॉ. संतोष मोटवानी (सदस्य)
6. डॉ. गौतम सोनकांबले(सदस्य)
7. डॉ. मोहसिन खान(सदस्य)
8. डॉ. एस.के. पवार(सदस्य)
9. डॉ. संजय सिंह(सदस्य)

**मुंबई विश्वविद्यालय, मुंबई**

**T.Y.B.A.HINDI COURSE - VI  
(Social Media)**

**CourseCode- UAHIN- 603**

**कुल व्याख्यान-45**

**SEMESTER - VI**

**Credit - 4**

**प्रश्न पत्र —VI**

**सोशल मीडिया**

- इकाई I
- सोशल मीडिया का स्वरूप, प्रकार और विकास
  - फेसबुक, व्हाट्सअप, ट्विटर, मैसेन्जर, इन्स्टाग्राम में हिंदी, ब्लोगिंग और हिन्दी, सोशल नेटवर्किंग साइट और विज्ञापन, एफ.एम.रेडियो और हिंदी
- इकाई II
- सोशल मीडिया के प्रभाव  
राजनीतिक, सामाजिक, धार्मिक, युवाओं पर, बच्चों पर, महिलाओं और वृद्धों पर प्रभाव
  - मुक्त अभिव्यक्ति और सोशल मीडिया
  - सोशल मीडिया की प्रचलित भाषा, समाज और संस्कृति के अंतर्प्रभाव
- इकाई III
- सोशल मीडिया और कानून
  - सोशल मीडिया और बदलता हुआ भारतीय परिवेश
  - सोशल मीडिया की उपयोगिता एवं उपलब्धियाँ
- इकाई IV
- सोशल मीडिया में हिन्दी का प्रसार और प्रयोग
  - सोशल मीडिया समस्याएँ, चुनौतियाँ और सीमाएँ

**सूचना : प्रकल्प — २० अंक**

(पाठ्यक्रम से संबंधित किसी भी विषय पर 15 से 20 पृष्ठों का प्रकल्प तैयार करना अपेक्षित है।)

**संदर्भ ग्रंथ :**

1. सोशल नेटवर्किंग : नए समय का संवाद — संपादक : संजय द्विवेदी
2. नए जमाने की पत्रकारिता — सौरभ शुक्ला
3. सोशल मीडिया — योगेश पटेल
4. उत्तर आधुनिक मीडिया तकनीक — हर्षदेव
5. नयी संचार प्रौद्योगिकी पत्रकारिता — कृष्ण कुमार रत्नू
6. हिन्दी भाषा का प्रयोजनमूलक स्वरूप — डॉ. कैलाश चन्द्र भाटिया
7. इन्टरनेट — शशि शुक्ला

नमूना प्रश्न पत्र  
Semester - VI  
Course - VI

अवधि : 02½ घंटे

पूर्णांक :80

- सूचना: 1.अंतिम प्रश्न अनिवार्य है।  
2.शेष चार प्रश्नों में से किन्हीं तीन के उत्तर लिखिए।  
3.सभी प्रश्नों के लिए समान अंक हैं।

- प्रश्न1 सोशल मीडिया के स्वरूप को स्पष्ट करते हुए उसके विकास को समझाइए। 20  
**अथवा**  
सोशल नेटवर्किंग साइट के विज्ञापनों की चर्चा करते हुए उसकी उपयोगिता सिद्ध कीजिए।
- प्रश्न2 सोशल मीडिया का बच्चों एवं युवाओं पर पड़ने वाले प्रभाव की चर्चा कीजिए। 20  
**अथवा**  
सोशल मीडिया में मुक्त अभिव्यक्ति की स्वतंत्रता पर अपने विचार प्रकट कीजिए।
- प्रश्न3 बदलते भारतीय परिवेश में सोशल मीडिया के प्रभाव को समझाइए। 20  
**अथवा**  
सोशल मीडिया में कानून की भूमिका पर प्रकाश डालिए।
- प्रश्न4 सोशल मीडिया में हिन्दी के बढ़ते प्रभाव पर अपने विचार अभिव्यक्त करें। 20  
**अथवा**  
सोशल मीडिया की समस्याएँ एवं सीमाएँ बताइए।
- प्रश्न 5 किन्हीं दो पर टिप्पणी लिखिए :- 20  
क) ब्लॉगिंग और हिंदी।  
ख) सोशल मीडिया और राजनीतिक प्रभाव।  
ग) सोशल मीडिया का भारतीय परिवेश पर प्रभाव।  
घ) सोशल मीडिया की भाषा।

—:—





*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
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**Syllabus of course that include experiential learning through project work**

**10. T.Y.B.A**

**Politics of Modern Maharashtra  
(97087) Paper-VI**

**UNIVERSITY OF MUMBAI**

No. UG/53 of 2018-19

**CIRCULAR:-**

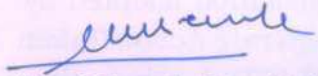
Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No. UG/207 of 2010, dated 21<sup>st</sup> July, 2010 relating to syllabus of Bachelor of Arts.

They are hereby informed that the recommendations made by the Board of Studies in Politics at its meeting held on 4<sup>th</sup> June, 2018 have been accepted by the Academic Council at its meeting held on 14<sup>th</sup> June, 2018 vide item No. 4.2 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. in Politics – Sem V & VI has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032

4<sup>th</sup> July, 2018

To

  
(Dr. Dinesh Kamble)  
I/c REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9<sup>th</sup> January, 2018.)

**A.C./4.2/14/06/2018**

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No. UG/ 53 -A of 2018

MUMBAI-400 032

4<sup>th</sup> July, 2018

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- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Politics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

  
(Dr. Dinesh Kamble)  
I/c REGISTRAR

**UNIVERSITY OF MUMBAI**

**Revised Syllabus for T.Y.B.A.**

**Programme: B.A.**

**Course : Politics**

**Semesters: V and VI**

**(Each paper has 4 credits)**

**As per Choice Based Credit System for the  
academic year 2018-19.**

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6A

**Politics Paper VI A: Political Process in Modern Maharashtra**

**Semester V: Politics of Modern Maharashtra**

Theory – 80 marks + Project – 20 marks = Total 100 marks

No. of Lectures

(Total 45)

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4.2 Dalit Politics	
4.3 OBC Politics	

One theory question paper of 80 marks at the end of the semester, consisting 4 compulsory questions of 20 marks each with internal options for each question – i.e. Q. 1a or Q. 1b.

Project reports – (20 marks) - will be collected and assessed at college level by respective subject teachers, on or before a fixed date, well before the beginning of semester end theory exam. The date will be decided by the Subject teachers in respective colleges. Topics for projects should be based on the semester syllabus.

**List of topics for projects**

(This is not a comprehensive list and teachers are free to design projects based on the syllabus)

1. Reviews of books related to politics of Maharashtra.
2. Interviews of politicians and administrators.
3. Reviews of biographies and autobiographies of influential leaders.
4. Review of social welfare schemes
5. Study of sub regions – Konkan, Marathwada, Vidarbha, Western Maharashtra
6. Legislative process

**Explanatory notes :Semester V**

**Module 1: Historical Background**

Under 1.1 it is expected that the students should know, how the idea of Maharashtra (mainly as cultural aspect) has been evolved, from the regime of Shivaji, the British rule, till the movement for Samyukta Maharashtra.

**Module 3: Political Institutions in Maharashtra**

In the earlier syllabus (prior to the present) this topic was included. Again it is added to the new revised syllabus. The students should know the institutional as well as the actual functioning of these institutions.



*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
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**Syllabus of course that include experiential learning through project work**

**11. T.Y.B.A**

**Determinants of Politics of Maharashtra  
(86590) Paper-VI**



**UNIVERSITY OF MUMBAI**

No. UG/53 of 2018-19

**CIRCULAR:-**

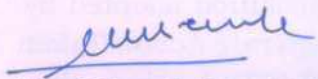
Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No. UG/207 of 2010, dated 21<sup>st</sup> July, 2010 relating to syllabus of Bachelor of Arts.

They are hereby informed that the recommendations made by the Board of Studies in Politics at its meeting held on 4<sup>th</sup> June, 2018 have been accepted by the Academic Council at its meeting held on 14<sup>th</sup> June, 2018 vide item No. 4.2 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. in Politics – Sem V & VI has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032

4<sup>th</sup> July, 2018

To

  
(Dr. Dinesh Kamble)  
I/c REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9<sup>th</sup> January, 2018.)

**A.C./4.2/14/06/2018**

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No. UG/ 53 -A of 2018

MUMBAI-400 032

4<sup>th</sup> July, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Politics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

  
(Dr. Dinesh Kamble)  
I/c REGISTRAR

**UNIVERSITY OF MUMBAI**

**Revised Syllabus for T.Y.B.A.**

**Programme: B.A.**

**Course : Politics**

**Semesters: V and VI**

**(Each paper has 4 credits)**

**As per Choice Based Credit System for the  
academic year 2018-19.**

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**Politics Paper VIA : Political Process in Modern Maharashtra**

**Semester VI: Determinants of Politics of Maharashtra**

Theory – 80 marks + Project – 20 marks = Total 100 marks

No. of Lectures

(Total 45)

**Module 1 : Political Economy of Maharashtra 12**

- 1.1 Business and Politics
- 1.2 Politics of Cooperatives
- 1.3 Land issues: Urban and Rural

**Module 2 : Political Parties 12**

- 2.1 Indian National Congress (I), Nationalist Congress Party and BharatiyaJanata Party
- 2.2 Republican Party of India, Peasants and Workers Party, Shiv Sena and Maharashtra NavNirmanSena
- 2.2 Coalition Politics

**Module 3 : Contemporary issues and movements 10**

- 3.1 Tribal issues
- 3.2 Farmers movements and agitations

**Module 4 : Civil society initiatives and alternative models of development 11**

- 4.1 Civil society - Concept and nature
- 4.2 Movements for the right to information in Maharashtra
- 4.3 Initiatives for protection of environment

One theory question paper of 80 marks at the end of the semester, consisting 4 compulsory questions of 20 marks each with internal options for each question – i.e. Q. 1a or Q. 1b.

Project reports – (20 marks) - will be collected and assessed at college level by respective subject teachers, on or before a fixed date, well before the beginning of semester end theory exam. The date will be decided by the Subject teachers in respective colleges. Topics for projects should be based on the semester syllabus.

**List of topics for projects**

(This is not a comprehensive list and teachers are free to design projects based on the syllabus)

1. Studying electoral performances on the basis of statistical data available on the website of Election Commission of India.
2. Campaigning to register voters from your area.
3. Projects related to the activities of non-governmental organisations.
4. Projects about the right to information – which may include conducting workshops for people to make them aware about their rights.

5. Collecting information about small business units and business organisations, trade unions, cooperative institutions etc.
6. Collecting information about tribal lifestyle.

### **Explanatory Notes :Semester VI**

#### **Module 1: Political Economy of Maharashtra**

##### 1.3: Land Issues at Rural and Urban areas

Land is the most sensational issue, both at urban and rural level in Maharashtra. The issue mainly has concerns with

- (1) Growing urbanization and problems of urban housing
- (2) Drought prone Land of Marathwada and Vidarbha
- (3) Conservation of Agricultural land for SEZ or some other purposes.

#### **Module 4: Civil Society Initiatives and Alternative Models of Development**

##### 4.3 Initiative for Protection of Environment

Specific mention of any movement is not mentioned in the syllabus. It is expected that minimum two urban and two from rural should be taught to the students for eg:– Vanrai, Ralegaon Siddhi, Hivare Bajar, Madhav Gadgil Committee' report on The Western Ghats Ecology Expert Panel (WGEEP) headed by Madhav Gadgil.

### **Recommended Reading**

1. Lele, Jayant: *One Party Dominance in Maharashtra Resilience and Change*; Popular Prakashan, Mumbai, 1982
2. Phadke, Y D: *Politics and Language*; Himalaya Publishing House, Mumbai, 1975
3. \_\_\_\_\_: *Social Reformers of Maharashtra*; Maharashtra Information Center, New Delhi, 1975
4. Phatak, Anagha: *Political Process of Maharashtra*; Prachi Prakashan
5. Sirsikar, V.M.: *Politics of Modern Maharashtra*; Orient Longman, 1994
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7. Thakkar, Usha and Kulkarni, Mangesh: *Politics in Maharashtra*; Himalaya Publishing House, Bombay, 1995.
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**Syllabus of course that include experiential learning through project work**

**12. T.Y.B.A**  
**Introduction to Archaeology**

**UNIVERSITY OF MUMBAI**

No. UG/ 74 of 2018-19

**CIRCULAR:-**

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No. UG/17 of 2005, dated 13<sup>th</sup> January, 2005 relating to syllabus of Bachelor of Arts.

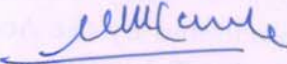
They are hereby informed that the recommendations made by the Board of Studies in History and Archaeology at its meeting held on 25<sup>th</sup> May, 2018 have been accepted by the Academic Council at its meeting held on 14<sup>th</sup> June, 2018 **vide** item No. 4.1 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. in History & Archaeology – Sem V & VI has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032

6<sup>th</sup> June, 2018

To

July

  
(Dr. Dinesh Kamble)  
I/c REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9<sup>th</sup> January, 2018.)

A.C./4.1/14/06/2018

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No. UG/ 74 -A of 2018

MUMBAI-400 032

6<sup>th</sup> June, 2018  
July

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- 2) The Chairman, Board of Studies in History & Archaeology,
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(Dr. Dinesh Kamble)  
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AC / /2018  
Item no.

# UNIVERSITYOFMUMBAI



**Revised Syllabus for Sem V and Sem VI**

**Program: B. A.**

**Course: History and Archaeology**

(Choice Based Credit System with effect from the  
Academic year 2018-2019)

## Revised Syllabus

Semester V and Semester VI  
Programme: B.A.  
Course: History and Archaeology

(Choice Based Credit System with effect from the Academic year 2018-2019)

### As per University rules and guidelines for Faculty of Humanities

Faculty of Humanities  
TYBA  
(Choice Based Credit System, CBCS)  
Semester V and Semester VI  
Guidelines  
With Effect From 2018-2019

#### Syllabus Structure:

1. In TYBA (CBCS) in Sem V and Sem VI, the Core Courses will be Core Courses IV, V, VII and VIII.
2. The Elective Courses will be Elective Courses VI and IX which will be partially Project Based Courses. The Boards of Studies may offer choices in the Elective Courses VI and IX.
3. In Sem V and Sem VI, each Course namely Core Courses IV, V, VII and VIII and Elective Courses VI and IX will carry 4 Credits per Course per Semester.

#### Evaluation:

1. **Core Courses:** The Core Courses IV, V, VII and VIII will be theory based Core Courses. The University of Mumbai will conduct the Sem V and Sem VI examinations of 100 marks per Core Course. In Sem V and Sem VI for all the above Core Courses, the student will have to secure a minimum of 40% marks in aggregate per Core Course.
2. **Elective Courses:** The Elective Courses VI and IX will be Electives and Choices of Electives may be offered by the various Board of Studies. The University of Mumbai will conduct the Sem V and Sem VI examination for Elective Courses VI and IX of 80 marks per Elective Course. The Elective Courses namely Elective Courses VI and IX will be partially Project Based Courses. In Sem V and VI, for Elective Course VI and for Elective Course IX, the Colleges will conduct the evaluation of a Project of 20 marks

each and will send the marks to the University of Mumbai as per University of Mumbai guidelines.

3. The total marks of the Elective Course VI and Elective Course IX will be 100 marks each that is 80 marks for Theory Examination conducted by University of Mumbai and 20 marks for Project evaluated by the concerned college Faculty in the subject.
4. In Sem V and Sem VI, the student will have to submit a Project for Elective Course VI and Elective Course IX in the College before appearing for the University Examination. The last date of submission of the Project will be officially declared by the College.
5. In Sem V and Sem VI, the Project topic will be based on the Syllabus of the respective Elective Courses that is Elective Course VI and Elective Course IX. The students will be given the choice of choosing the topic of the project in consultation with the Faculty Member teaching the respective Elective Course. The list of students along with the topics chosen by the students will be displayed by the College in the beginning of the Semester.
6. The Project work will be carried out by the student with the guidance of the concerned Faculty Member who will be allotted to the student as the Guide for the Project.
7. In Sem V and Sem VI, for Elective Courses VI and IX, the student will have to secure a minimum of 40% marks in aggregate and a minimum of 40% in each component of assessment i.e. 08 out of 20 marks in Internal Evaluation of Project in Elective Course VI and Elective Course IX and 32 out of 80 marks in University Examination of Elective Course VI and Elective Course IX.

Note: All other rules regarding Standard of Passing, ATKT, etc., will be as per those decided by the Faculty of Humanities passed by the Academic Council from time to time.

Faculty of Humanities  
TYBA  
(Choice Based Credit System, CBCS)  
Semester V and Semester VI  
Question Paper Pattern for T.Y.B.A (CBCS)  
for Core Courses IV, V, VII and VIII  
As per University rules and guidelines  
With Effect From 2018-2019

(Time: 3 Hours)

**Note: 1.** Attempt **all** questions

(Total = 100 marks)

**2.** All questions carry **equal** marks

Q.1 (Based on Module I) (20 marks)

a.

or

b.

Q.2 (Based on Module II) (20 marks)

a.

or

b.

Q.3 (Based on Module III) (20 marks)

a.

or

b.

Q.4 (Based on Module IV) (20 marks)

a.

or

b.

Q.5 Attempt **any two** short notes. (Based on Module I, II, III and IV) (20 marks)

a.

b.

c.

d.

[The Question paper Pattern for the Revised Syallbus for Semester V and Semester VI, Programme: B.A; Course: History and Archaeology (Choice Based Credit System with effect from the Academic year 2018-2019) will be as per University rules and guidelines for the Faculty of Humanities].

Faculty of Humanities  
TYBA  
(Choice Based Credit System, CBCS)  
Semester V and Semester VI  
Question Paper Pattern for T.Y.B.A (CBCS)  
for Elective Courses VI and IX  
As per University rules and guidelines  
With Effect From 2018-2019

(Time: 2 & 1/2 Hours)

**Note: 1.** Attempt **all** questions

(Total = 80 marks)

**2.** All questions carry **equal** marks

Q.1 (Based on Module I)

(20 marks)

a.

or

b.

Q.2 (Based on Module II)

(20 marks)

a.

or

b.

Q.3 (Based on Module III)

(20 marks)

a.

or

b.

Q.4 (Based on Module IV)

(20 marks)

a.

or

b.

[The Question paper Pattern for the Revised Syallbus for Semester V and Semester VI, Programme: B.A; Course: History and Archaeology (Choice Based Credit System with effect from the Academic year 2018-2019) will be as per University rules and guidelines for the Faculty of Humanities].

## SYLLABUS

<b>SEMESTER – V</b>		
Course	Title of the Course	Credits
Core Course IV	History of Medieval India (1000 CE – 1526 CE)	4 Credits
Core Course V	History of Modern Maharashtra (1818 CE-1960 CE)	4 Credits
Elective Course VI. A (With Project)	Introduction to Archaeology	4 Credits
Elective Course VI B (With Project)	Media and Communication	4 Credits
Core Course VII	History of the Marathas (1630 CE -1707 CE)	4 Credits
Core Course VIII	History of Contemporary World (1945 CE -2000 CE)	4 Credits
Elective Course IX A (With Project)	Research Methodology and Sources of History	4 Credits
Elective Course IX B (With Project)	Introduction to Heritage Tourism	4 Credits
		Total 24 Credits

**SEMESTER – VI**

Course	Title of the Course	Credits
Core Course IV	History of Medieval India (1526 CE – 1707 CE)	4 Credits
Core Course V	History of Contemporary India (1947 CE- 2000 CE)	4 Credits
Elective Course VI A (With Project)	Introduction to Museology and Archival Science	4 Credits
Elective Course VI B (With Project)	Media and Communication	4 Credits
Core Course VII	History of the Marathas (1707 CE - 1818 CE)	4 Credits
Core Course VIII	History of Asia (1945 CE -2000 CE)	4 Credits
Elective Course IX A (With Project)	Research Methodology and Sources of History	4 Credits
Elective Course IX B (With Project)	Heritage Tourism in Maharashtra	4 Credits
		Total 24 Credits

# **T.Y.B.A. History**

## **SEMESTER - V**

### **Core Course VI A – Introduction to Archaeology**

Objectives:

1. To understand the basic facets of Archaeology.
2. To evaluate the importance of Epigraphy.
3. To study the importance of Numismatics as an important source of history.

#### **Module I: Aims and Methods of Archaeology**

- (a) Definition, Aims and Development of Archaeology in India
- (b) Archaeology and History; Archaeology and Other Sciences
- (c) Field Archaeology: Methods of Exploration, Excavation and Dating Antiquities; Significance of Archaeology

#### **Module II: Pre-Historic, Proto-Historic and Early Historical Periods**

- (a) Palaeolithic and Mesolithic Periods
- (b) Neolithic and Chalcolithic Periods
- (c) Megalithic and Early Historical Periods

#### **Module III: Epigraphy**

- (a) Definition and History of Indian Epigraphy
- (b) Types of Inscriptions and their significance
- (c) Evolution of Brahmi and Kharosthi Scripts; Edicts of Ashoka

#### **Module IV: Numismatics**

- (a) Definition and History of Indian Numismatics
- (b) Ancient Indian Coinage: Punch-Marked, Satavahana, Western Kshatrapas, Kushana and Gupta Coins
- (c) Contribution of Numismatics to Indian History



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### **Marathi Books**

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- Deo S B, *Puratatva Vidya*, Continental Prakashan, Mumbai, 2008 (second edition)
- Dhavalikar M K, *Aryanchya Shodhat*, Rajahansa Prakashan, Pune, 2008.
- Dhavalikar M K, *Bharatachi Kulakatha*, Rajahansa Prakashan, Pune, 2017.

Dhavalikar M K, *Kone Eke Kali Sindhu Samskruti*, Rajahansa Prakashan, Pune, 2006.

Dhavalikar M K, *Maharashtrachi Kulakatha*, Rajahansa Prakashan, Pune, 2008.

Dhavalikar M K, *Prachin Bharatiya Nanakashastra*, Continental Prakashan, Mumbai, 2013.

Dhavalikar M K, *Puratatva Vidya*, Maharashtra Rajya Sahitya ani Samaskruti Mandal, Mumbai, 1980.

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Ed. Pathak Arunchandra, *Itihas: PrachinKal (Khanda-I)* Maharashtra Rajya Gazetteer, Darshanika Vibhag, 2010.

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Mirashi V V, *Satavahan Ani Pashchimi Kshatrap Yancha Itihas*, Maharashtra Rajya Sahitya ani Samaskruti Mandal, Mumbai, 1979.

Ojha Gaurishankar, *Prachin Bharatiya Lipimala*, Munshiram Manoharlal, Delhi, 1971.

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Sankalia H. D. and Mate M S, *Maharashtratil Puratatva*, Maharashtra Rajya Sahitya ani Samaskruti Mandal, Mumbai, 1976.

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Tulpule S G, *Prachin Marathi Koriv Lekh*, Pune Vidyapith Prakashan, 1963.



*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
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*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

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**Syllabus of course that include experiential learning through project work**

## **13. T.Y.B.A**

### **Introduction to Museology and Archival Science**

**UNIVERSITY OF MUMBAI**

No. UG/ 74 of 2018-19

**CIRCULAR:-**

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No. UG/17 of 2005, dated 13<sup>th</sup> January, 2005 relating to syllabus of Bachelor of Arts.

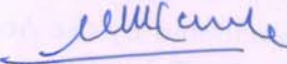
They are hereby informed that the recommendations made by the Board of Studies in History and Archaeology at its meeting held on 25<sup>th</sup> May, 2018 have been accepted by the Academic Council at its meeting held on 14<sup>th</sup> June, 2018 **vide** item No. 4.1 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. in History & Archaeology – Sem V & VI has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032

6<sup>th</sup> June, 2018

To

July

  
(Dr. Dinesh Kamble)  
I/c REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9<sup>th</sup> January, 2018.)

A.C./4.1/14/06/2018

\*\*\*\*\*


No. UG/ 74 -A of 2018

MUMBAI-400 032

6<sup>th</sup> June, 2018  
July

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in History & Archaeology,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

  
(Dr. Dinesh Kamble)  
I/c REGISTRAR

AC / /2018  
Item no.

# UNIVERSITYOFMUMBAI



**Revised Syllabus for Sem V and Sem VI**

**Program: B. A.**

**Course: History and Archaeology**

(Choice Based Credit System with effect from the  
Academic year 2018-2019)

## Revised Syllabus

Semester V and Semester VI  
Programme: B.A.  
Course: History and Archaeology

(Choice Based Credit System with effect from the Academic year 2018-2019)

### As per University rules and guidelines for Faculty of Humanities

Faculty of Humanities  
TYBA  
(Choice Based Credit System, CBCS)  
Semester V and Semester VI  
Guidelines  
With Effect From 2018-2019

#### Syllabus Structure:

1. In TYBA (CBCS) in Sem V and Sem VI, the Core Courses will be Core Courses IV, V, VII and VIII.
2. The Elective Courses will be Elective Courses VI and IX which will be partially Project Based Courses. The Boards of Studies may offer choices in the Elective Courses VI and IX.
3. In Sem V and Sem VI, each Course namely Core Courses IV, V, VII and VIII and Elective Courses VI and IX will carry 4 Credits per Course per Semester.

#### Evaluation:

1. **Core Courses:** The Core Courses IV, V, VII and VIII will be theory based Core Courses. The University of Mumbai will conduct the Sem V and Sem VI examinations of 100 marks per Core Course. In Sem V and Sem VI for all the above Core Courses, the student will have to secure a minimum of 40% marks in aggregate per Core Course.
2. **Elective Courses:** The Elective Courses VI and IX will be Electives and Choices of Electives may be offered by the various Board of Studies. The University of Mumbai will conduct the Sem V and Sem VI examination for Elective Courses VI and IX of 80 marks per Elective Course. The Elective Courses namely Elective Courses VI and IX will be partially Project Based Courses. In Sem V and VI, for Elective Course VI and for Elective Course IX, the Colleges will conduct the evaluation of a Project of 20 marks

each and will send the marks to the University of Mumbai as per University of Mumbai guidelines.

3. The total marks of the Elective Course VI and Elective Course IX will be 100 marks each that is 80 marks for Theory Examination conducted by University of Mumbai and 20 marks for Project evaluated by the concerned college Faculty in the subject.
4. In Sem V and Sem VI, the student will have to submit a Project for Elective Course VI and Elective Course IX in the College before appearing for the University Examination. The last date of submission of the Project will be officially declared by the College.
5. In Sem V and Sem VI, the Project topic will be based on the Syllabus of the respective Elective Courses that is Elective Course VI and Elective Course IX. The students will be given the choice of choosing the topic of the project in consultation with the Faculty Member teaching the respective Elective Course. The list of students along with the topics chosen by the students will be displayed by the College in the beginning of the Semester.
6. The Project work will be carried out by the student with the guidance of the concerned Faculty Member who will be allotted to the student as the Guide for the Project.
7. In Sem V and Sem VI, for Elective Courses VI and IX, the student will have to secure a minimum of 40% marks in aggregate and a minimum of 40% in each component of assessment i.e. 08 out of 20 marks in Internal Evaluation of Project in Elective Course VI and Elective Course IX and 32 out of 80 marks in University Examination of Elective Course VI and Elective Course IX.

Note: All other rules regarding Standard of Passing, ATKT, etc., will be as per those decided by the Faculty of Humanities passed by the Academic Council from time to time.



Faculty of Humanities  
TYBA  
(Choice Based Credit System, CBCS)  
Semester V and Semester VI  
Question Paper Pattern for T.Y.B.A (CBCS)  
for Core Courses IV, V, VII and VIII  
As per University rules and guidelines  
With Effect From 2018-2019

(Time: 3 Hours)

**Note: 1.** Attempt **all** questions

(Total = 100 marks)

**2.** All questions carry **equal** marks

Q.1 (Based on Module I) (20 marks)

a.

or

b.

Q.2 (Based on Module II) (20 marks)

a.

or

b.

Q.3 (Based on Module III) (20 marks)

a.

or

b.

Q.4 (Based on Module IV) (20 marks)

a.

or

b.

Q.5 Attempt **any two** short notes. (Based on Module I, II, III and IV) (20 marks)

a.

b.

c.

d.

[The Question paper Pattern for the Revised Syallbus for Semester V and Semester VI, Programme: B.A; Course: History and Archaeology (Choice Based Credit System with effect from the Academic year 2018-2019) will be as per University rules and guidelines for the Faculty of Humanities].

Faculty of Humanities  
TYBA  
(Choice Based Credit System, CBCS)  
Semester V and Semester VI  
Question Paper Pattern for T.Y.B.A (CBCS)  
for Elective Courses VI and IX  
As per University rules and guidelines  
With Effect From 2018-2019

(Time: 2 & 1/2 Hours)

**Note: 1.** Attempt **all** questions

(Total = 80 marks)

**2.** All questions carry **equal** marks

Q.1 (Based on Module I)

(20 marks)

a.

or

b.

Q.2 (Based on Module II)

(20 marks)

a.

or

b.

Q.3 (Based on Module III)

(20 marks)

a.

or

b.

Q.4 (Based on Module IV)

(20 marks)

a.

or

b.

[The Question paper Pattern for the Revised Syallbus for Semester V and Semester VI, Programme: B.A; Course: History and Archaeology (Choice Based Credit System with effect from the Academic year 2018-2019) will be as per University rules and guidelines for the Faculty of Humanities].

## SYLLABUS

<b>SEMESTER – V</b>		
Course	Title of the Course	Credits
Core Course IV	History of Medieval India (1000 CE – 1526 CE)	4 Credits
Core Course V	History of Modern Maharashtra (1818 CE-1960 CE)	4 Credits
Elective Course VI. A (With Project)	Introduction to Archaeology	4 Credits
Elective Course VI B (With Project)	Media and Communication	4 Credits
Core Course VII	History of the Marathas (1630 CE -1707 CE)	4 Credits
Core Course VIII	History of Contemporary World (1945 CE -2000 CE)	4 Credits
Elective Course IX A (With Project)	Research Methodology and Sources of History	4 Credits
Elective Course IX B (With Project)	Introduction to Heritage Tourism	4 Credits
		Total 24 Credits

**SEMESTER – VI**

Course	Title of the Course	Credits
Core Course IV	History of Medieval India (1526 CE – 1707 CE)	4 Credits
Core Course V	History of Contemporary India (1947 CE- 2000 CE)	4 Credits
Elective Course VI A (With Project)	Introduction to Museology and Archival Science	4 Credits
Elective Course VI B (With Project)	Media and Communication	4 Credits
Core Course VII	History of the Marathas (1707 CE - 1818 CE)	4 Credits
Core Course VIII	History of Asia (1945 CE -2000 CE)	4 Credits
Elective Course IX A (With Project)	Research Methodology and Sources of History	4 Credits
Elective Course IX B (With Project)	Heritage Tourism in Maharashtra	4 Credits
		Total 24 Credits

# **T.Y.B.A. History**

## **SEMESTER -VI**

### **Elective Course VI A - Introduction to Museology and Archival Science**

Objectives:

1. To inform the students about the role of Museums in the preservation of Heritage.
2. To understand the importance of Archival Science in the study of History.
3. To encourage students to pursue careers in various Museums and Archives in India and abroad.

#### **Module I: Museology**

- (a) Definition of Museology, Museum Movement in India
- (b) Role of the Curator
- (c) Types of Museums

#### **Module II: Museums**

- (a) Methods of Collection and Conservation of Objects in Museums
- (b) Preservation Techniques and Types of Exhibitions
- (c) Changing Role of Museums: In-house and Out-reach activities of Museums

#### **Module III: Archival Science**

- (a) Meaning, Scope, Objectives and Classes of Archives
- (b) Importance of Archives: Value of Records as Sources of History
- (c) Classification of Records

#### **Module IV: Management of Archives**

- (a) Appraisal and Retention of Records
- (b) Conservation and Preservation of Records
- (c) Digital Archives

## References:

- Balloffet Nelly, Hille Jenny and Judith Reed, *Conservation and Preservation of Records Archives*, American Library Association, Chicago, 2015.
- Banerjee, N. R., *Museum and Cultural Heritage of India*, Agam Kala Prakashan, New Delhi, 1990.
- Basu Purnendu, *Archives and Records, What are They?* The National Archives of India, New Delhi, 1969.
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- Johnson Charles, *The Care of Documents and Management of Archives*, Society for Promoting Christian Knowledge, London, 1919.
- Markham S. F., *The Museums of India*, The Museum Association, London, 1936.
- Plenderleith H. J., *The Conservation of Antiquities and Works of Art: Treatment, Repair and Restoration*, Oxford University Press, New York, 1956.
- Posner Earnest, *Archives in the Ancient World*, Harvard University Press, 1972.
- Sarkar, H., *Museums and Protection of Monuments and Antiquities in India*, Sundeep Prakashan, New Delhi, 1981.
- Stielow Frederick J. *Building Digital Archives, Descriptions, and Displays*, Neal-Schuman Publishers, New York, 2003.
- Thomson John M.A. and Others, *Manual of Curatorship: A Guide to Museum Practice*, Routledge, New York, 1984.
- Wittlin Alma, *Museums : Its History and Its Tasks in Education*, Routledge and K Paul, London, 1949.



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**Syllabus of course that include experiential learning through project work**

**14. M.Com. Part-II  
Project Work-I**

2

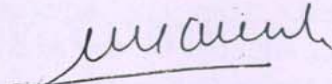
**UNIVERSITY OF MUMBAI**  
No. UG/233 of 2017-18

**CIRCULAR:-**

A reference is invited to the syllabi relating to the Master of Commerce (M.Com.) Programme **vide** this office Circular No.UG/144 of 2011, dated 14<sup>th</sup> June, 2011 and the Principals of the affiliated Colleges in Commerce are hereby informed that the proposal received from Ad-hoc Dean, Faculty of Commerce and Management has been accepted by the Academic Council at its meeting held on 11<sup>th</sup> May, 2017 **vide** item No.4.184 and that in accordance therewith, the revised syllabus as per the (CBCS) for Master of Commerce (M.Com.) (Sem -III & IV), which is available on the University's website ([www.mu.ac.in](http://www.mu.ac.in)) and that the same has been brought into force with effect from the academic year 2017-18, accordingly.

MUMBAI - 400 032

27<sup>th</sup> August, 2017  
To Sept.

  
REGISTRAR

The Principals of the affiliated Colleges in Commerce.

A.C/4.184/11/05/2017

\*\*\*\*\*

No. UG/233 -A of 2017

MUMBAI-400 032 27<sup>th</sup> August, 2017  
Sept.

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- 2) The Chairman, Ad-hoc Board of Studies in Commerce and Management,
- 3) The Offg. Director, Board of Examinations and Evaluation,
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- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
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# University of Mumbai



**Revised Syllabus of Courses  
of  
Master of Commerce (M.Com)  
Programme  
at  
Second Year  
Semester III and IV**

**Under Choice Based Credit, Grading and  
Semester System**

*(To be implemented from Academic Year 2017-2018)*

***Faculty of Commerce***

**Master of Commerce (M.Com) Programme**  
**Under Choice Based Credit, Grading and Semester System**  
**Course Structure**

**M.Com II**

*(To be implemented from Academic Year- 2017-2018)*

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
<b>1</b>	<b>Elective Courses (EC)</b>		<b>1</b>	<b>Elective Courses (EC)</b>	
1,2 and 3	*Any one group of courses from the following list of the courses (Group – A/B/C/D/E)	<b>18</b>	1,2 and 3	**Any one group of courses from the following list of the courses (Group – A/B/C/D/E)	<b>18</b>
<b>2</b>	<b>✓ Project Work</b>		<b>2</b>	<b>✓ Project Work</b>	
4	Project Work - I	<b>06</b>	4	Project Work - II	<b>06</b>
<b>Total Credits</b>		<b>24</b>	<b>Total Credits</b>		<b>24</b>

✓ **Note:** Project work is considered as a special course involving application of knowledge in solving/ analyzing/ exploring a real life situation/ difficult problem. Project work would be of 06 credits. A project work may be undertaken in any area of Elective Courses

**Revised Syllabus of Courses of  
Master of Commerce (M.Com) Programme at Semester III  
(To be implemented from Academic Year- 2017-2018)**

**Group A: Advanced Accounting, Corporate Accounting and  
Financial Management**

**5. Financial Services**

**Modules at a Glance**

SN	Modules	No. of Lectures
1	Introduction to financial services and Merchant Banking	15
2	Venture Capital and Securitisation	15
3	Hire Purchase Finance & Housing Finance	15
4	Stock Broking & Depository Services	15
<b>Total</b>		<b>60</b>

## **M.Com II**

### **Project work**

#### **Work Load:**

Work load for Project Work is 1 hour per batch of 15 students per week for the teacher. The student shall do field work and library work in the remaining 3 hours per week.

#### **Guidelines:**

- The project topic may be undertaken in any area of Elective Courses.
- Each of the students has to undertake a Project individually under the supervision of a teacher-guide.
- The student shall decide the topic in consultation with the teacher-guide concerned.
- University/college should allot P G Teacher for guidance to the students based on her / his specialization.
- There shall be double valuation of project by the teacher- guide concerned and an external examiner appointed by the University/College with equal weightage.
- The teacher-guide along with the external examiner appointed by the University/College for the valuation of project shall conduct viva voce examination with equal weightage.
- The date of viva voce shall be intimated to the students by the Department well in advance.
- The project report shall be prepared as per the broad guidelines given below:
  - a. Project Report shall be typed in Times New Roman with one and half line spacing in 12 Font Size and 1.5 spacing.
  - b. The size of the Project Report shall be with a minimum of 25,000 words and a maximum of 40,000 words. (
  - c. Project Report shall be printed on both sides of the paper.
  - d. The Project Report shall be bounded.

#### **Evaluation:**

The Project Report evaluation is for 60 Marks and the Viva –Voce examination is for 40 Marks (without presentation).

No marks will be allotted on the Project Report unless a candidate appears at the Viva-Voce Examination. Similarly, no marks will be allotted on Viva-Voce Examination unless a candidate submits his/her Project Report.

#### **Project Report (60 marks):**

Introduction and other areas covered	-- 20 marks
Presentation, Analysis & Findings	-- 30 marks
Conclusion & Recommendations	-- 10 marks

#### **Viva-Voce (40 marks):**

In course of Viva-Voce Examination, the question may be asked in the following areas:	
Importance / relevance of the Study, Objective of the Study, Methodology of the Study/ Mode of Enquiry	-- 10 marks
Ability to explain the analysis, findings, concluding observations, recommendation, limitations of the Study	-- 20 marks
Overall Impression (including Communication Skill)	-- 10 marks

**Passing:**

- Minimum of Grade E in the project component
- In case of failing in the project work, the same project can be revised for ATKT examination.
- Absence of student for viva voce: If any student fails to appear for the viva voce on the date and time fixed by the department such student shall appear for the viva voce on the date and time fixed by the Department, such student shall appear for the viva voce only along with students of the next batch.



*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College Rajapur,  
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**Syllabus of course that include experiential learning through project work**

**15. M.Com. Part-II  
Project Work-II**

2

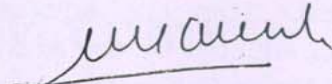
**UNIVERSITY OF MUMBAI**  
No. UG/233 of 2017-18

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MUMBAI - 400 032

27<sup>th</sup> August, 2017  
To Sept.

  
REGISTRAR

The Principals of the affiliated Colleges in Commerce.

A.C/4.184/11/05/2017

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No. UG/233 -A of 2017

MUMBAI-400 032 27<sup>th</sup> August, 2017  
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REGISTRAR

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**University of Mumbai**



**Revised Syllabus of Courses  
of  
Master of Commerce (M.Com)  
Programme  
at  
Second Year  
Semester III and IV**

**Under Choice Based Credit, Grading and  
Semester System**

*(To be implemented from Academic Year 2017-2018)*

***Faculty of Commerce***



**Master of Commerce (M.Com) Programme**  
**Under Choice Based Credit, Grading and Semester System**  
**Course Structure**

**M.Com II**

*(To be implemented from Academic Year- 2017-2018)*

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
<b>1</b>	<b>Elective Courses (EC)</b>		<b>1</b>	<b>Elective Courses (EC)</b>	
1,2 and 3	*Any one group of courses from the following list of the courses (Group – A/B/C/D/E)	<b>18</b>	1,2 and 3	**Any one group of courses from the following list of the courses (Group – A/B/C/D/E)	<b>18</b>
<b>2</b>	<b>✓ Project Work</b>		<b>2</b>	<b>✓ Project Work</b>	
4	Project Work - I	<b>06</b>	4	Project Work - II	<b>06</b>
<b>Total Credits</b>		<b>24</b>	<b>Total Credits</b>		<b>24</b>

✓ **Note:** Project work is considered as a special course involving application of knowledge in solving/ analyzing/ exploring a real life situation/ difficult problem. Project work would be of 06 credits. A project work may be undertaken in any area of Elective Courses

**Revised Syllabus of Courses of  
Master of Commerce (M.Com) Programme at Semester III  
(To be implemented from Academic Year- 2017-2018)**

**Group A: Advanced Accounting, Corporate Accounting and  
Financial Management**

**5. Financial Services**

**Modules at a Glance**

<b>SN</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Introduction to financial services and Merchant Banking	15
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4	Stock Broking & Depository Services	15
<b>Total</b>		<b>60</b>

## **M.Com II**

### **Project work**

#### **Work Load:**

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#### **Guidelines:**

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- Each of the students has to undertake a Project individually under the supervision of a teacher-guide.
- The student shall decide the topic in consultation with the teacher-guide concerned.
- University/college should allot P G Teacher for guidance to the students based on her / his specialization.
- There shall be double valuation of project by the teacher- guide concerned and an external examiner appointed by the University/College with equal weightage.
- The teacher-guide along with the external examiner appointed by the University/College for the valuation of project shall conduct viva voce examination with equal weightage.
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- The project report shall be prepared as per the broad guidelines given below:
  - a. Project Report shall be typed in Times New Roman with one and half line spacing in 12 Font Size and 1.5 spacing.
  - b. The size of the Project Report shall be with a minimum of 25,000 words and a maximum of 40,000 words. (
  - c. Project Report shall be printed on both sides of the paper.
  - d. The Project Report shall be bounded.

#### **Evaluation:**

The Project Report evaluation is for 60 Marks and the Viva –Voce examination is for 40 Marks (without presentation).

No marks will be allotted on the Project Report unless a candidate appears at the Viva-Voce Examination. Similarly, no marks will be allotted on Viva-Voce Examination unless a candidate submits his/her Project Report.

#### **Project Report (60 marks):**

Introduction and other areas covered	-- 20 marks
Presentation, Analysis & Findings	-- 30 marks
Conclusion & Recommendations	-- 10 marks

#### **Viva-Voce (40 marks):**

In course of Viva-Voce Examination, the question may be asked in the following areas:	
Importance / relevance of the Study, Objective of the Study, Methodology of the Study/ Mode of Enquiry	-- 10 marks
Ability to explain the analysis, findings, concluding observations, recommendation, limitations of the Study	-- 20 marks
Overall Impression (including Communication Skill)	-- 10 marks

**Passing:**

- Minimum of Grade E in the project component
- In case of failing in the project work, the same project can be revised for ATKT examination.
- Absence of student for viva voce: If any student fails to appear for the viva voce on the date and time fixed by the department such student shall appear for the viva voce on the date and time fixed by the Department, such student shall appear for the viva voce only along with students of the next batch.



*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*

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**Syllabus of course that include experiential learning through project work**

**16. T.Y.B.A**

**Ideological Background of Modern Hindi  
Literature (UAHIN-606) Paper-IX**

# University of Mumbai



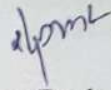
No. UG/ 30 of 2019-20

## CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office Circular No. UG/60 of 2018-19, dated 6<sup>th</sup> July, 2018 relating to the revised syllabus as per (CBCS) for the T.Y.B.A. in Hindi (Sem. V & VI).

They are hereby informed that the recommendations made by the Board of Studies in Hindi at its meeting held on 9<sup>th</sup> April, 2019 have been accepted by the Academic Council at its meeting held on 15<sup>th</sup> April, 2019 vide item No. 4.25 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. (Sem. V & VI) in Hindi has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032  
3<sup>rd</sup> June, 2019  
To

  
(Dr. Ajay Deshmukh)  
REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9<sup>th</sup> January, 2018.)

A.C./4.25/15/04/2019

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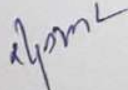
No. UG/ 30 -A of 2019

MUMBAI-400 032

3<sup>rd</sup> June, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Hindi,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

  
(Dr. Ajay Deshmukh)  
REGISTRAR



**UNIVERSITY OF MUMBAI**  
**Revised Syllabus**  
**And**  
**Pattern of Question Paper in the**  
**Subject of**  
**Hindi**  
**At the**  
**T.Y.B.A. Examination**  
**CHOICE BASED CREDIT SYSTEM (CBCS)**  
**(Paper – IV,V,VI,VII,VIII,IX)**  
**(With effect from the Academic Year: 2019-2020)**

**UNIVERSITY OF MUMBAI**  
Revised Syllabus and Pattern of Question Paper in the  
Subject of Hindi at the  
**T.Y.B.A. Examination**  
CHOICE BASED CREDIT SYSTEM (CBCS)  
(With effect from the Academic Year : 2019-2020)

**हिन्दी अध्ययन मंडल**

अध्यक्ष : डॉ. अनिल सिंह

1. डॉ. करुणाशंकर उपाध्याय(सदस्य)
2. डॉ. हूबनाथ पाण्डेय(सदस्य)
3. डॉ. विद्या शिंदे (सदस्य)
4. डॉ. शीला आहुजा (सदस्य)
5. डॉ. चित्रा गोस्वामी(सदस्य)
6. डॉ. संतोष मोटवानी(सदस्य)
7. डॉ. प्रकाश धुमाल(सदस्य)
8. डॉ. गौतम सोनकांबले(सदस्य)
9. डॉ. मोहसिन खान(सदस्य)

**पाठ्यक्रम समिति**

1. डॉ. प्रकाश धुमाल (समन्वयक)
2. डॉ. मनप्रीत कौर (सदस्य)
3. डॉ. विद्या शिंदे(सदस्य)
4. डॉ. शीला आहुजा(सदस्य)
5. डॉ. संतोष मोटवानी (सदस्य)
6. डॉ. गौतम सोनकांबले(सदस्य)
7. डॉ. मोहसिन खान(सदस्य)
8. डॉ. एस.के. पवार(सदस्य)
9. डॉ. संजय सिंह(सदस्य)

**मुंबई विश्वविद्यालय, मुंबई**



**T.Y.B.A. Course - IX**  
**Semester - VI**  
**Credits - 4**  
**कुल व्याख्यान -45**  
**Course Code - UAHIN - 606**  
**कला, तृतीय वर्ष (हिंदी)**  
**प्रश्नपत्र—IX**  
**आधुनिक हिंदी साहित्य की वैचारिक पृष्ठभूमि**  
**(T.Y.B.A. Hindi Paper - IX)**  
**(Ideological Background of Modern Hindi Literature)**

- इकाई I मनोविश्लेषणवाद : सामान्य परिचय और हिंदी कथा साहित्य पर उसका प्रभाव
- इकाई II दलित चेतना : हिंदी कविता तथा कथा साहित्य पर प्रभाव
- इकाई III समकालीन कथा साहित्य में आदिवासी विमर्श
- इकाई IV स्वातन्त्रयोत्तर जन चेतना और हिंदी पत्रकारिता : धर्मयुग, आलोचना, हंस, कथादेश, इंडिया टुडे, आज और नवभारत टाइम्स (अभिव्यक्ति के विशेष संदर्भ में)

**सूचना :** प्रकल्प — २० अंक

(पाठ्यक्रम से संबंधित किसी भी विषय पर 15 से 20 पृष्ठों का प्रकल्प तैयार करना अपेक्षित है।)

**संदर्भ ग्रंथ :**

1. बंगाल में स्वदेशी आंदोलन — सुमित सरकार
2. आज का भारत — रजनी पामदत्त
3. गुलामी — ज्योतिराव फुले
4. हिंदी साहित्य में प्रतिबंधित चिंतन प्रवाह — सुधाकर गोकाकर और गो. रा. कुलकर्णी
5. दलित देवो भव — किशोर कुणाल
6. मनोविश्लेषण — सिगमंड फ्राइड

7. हिंदी पत्रकारिता — डॉ. कृष्ण बिहारी मिश्र
8. समाचार पत्रों का इतिहास — अंबिका प्रसाद वाजपेयी
9. भारतीय पत्रकारिता कोश — विजय दत्त श्रीधर
10. मार्क्सवादी साहित्य चिंतन — शिवकुमार मिश्र
11. दलित साहित्य का समाजशास्त्र — ओमप्रकाश वाल्मीकि
12. आधुनिकता के आइने में दलित — अभय कुमार दुबे
13. भारतीय समाज में नारी — निरा देसाई
14. आधुनिक हिंदी कविता में मनोविज्ञान — डॉ. उर्वशी ज. सुरती
15. भारतीय दलित आंदोलन का इतिहास — मोहनदास नैमिशराय
16. आधुनिक हिंदी कथा साहित्य और मनोविज्ञान — डॉ. देवराज उपाध्याय
17. दलित वैचारिकी की दिशाएँ — सं. बद्रीनारायण
18. हिंदी उपन्यास में दलित वर्ग — कुसुम मेघवाल
19. दलित चेतना और समकालीन हिंदी उपन्यास — डॉ. मुन्ना तिवारी
20. आदिवासी शौर्य और विद्रोह — सं. रमणिका गुप्ता
21. आदिवासी साहित्य यात्रा — सं. रमणिका गुप्ता
22. बीसवीं शताब्दी की अंतिम द्वादशक की हिंदी कहानी में दलित जीवन — डॉ. गौतम सोनकांबले

नमूना प्रश्न पत्र  
Semester - VI  
Course - IX

अवधि : 02 ½ घंटे

पूर्णांक : 80

सूचना: 1.अंतिम प्रश्न अनिवार्य है।

2.शेष चार प्रश्नों में से किन्हीं तीन के उत्तर लिखिए।

3.सभी प्रश्नों के लिए समान अंक हैं।

प्रश्न 1 मनोविश्लेषणवाद के स्वरूप को स्पष्ट करते हुए हिन्दी कहानी पर हुए उसके प्रभाव को रेखांकित कीजिए। 20

अथवा

मनोविश्लेषणवाद का हिन्दी उपन्यास पर किस प्रकार प्रभाव हुआ है, स्पष्ट कीजिए।

प्रश्न 2 दलित चेतना के हिन्दी कविता पर हुए प्रभाव को सोदाहरण समझाइए। 20

अथवा

दलित चेतना ने हिन्दी कथा साहित्य को किस प्रकार प्रभावित किया है, स्पष्ट कीजिए।

प्रश्न 3 समकालीन हिन्दी उपन्यासों में आदिवासी विमर्श की अभिव्यक्ति किस प्रकार हुयी है, स्पष्ट कीजिए। 20

अथवा

समकालीन हिन्दी कहानियों में चित्रित आदिवासी विमर्श पर प्रकाश डालिए।

प्रश्न 4 'धर्मयुग' में स्वातंत्र्योत्तर जन-चेतना को किस प्रकार वाणी मिली है, स्पष्ट कीजिए। 20

अथवा

'हंस' तथा 'कथादेश; पत्रिकाओं में स्वातंत्र्योत्तर जन चेतना को अभिव्यक्त करने में अपनी महत्वपूर्ण भूमिका निभाई है, स्पष्ट कीजिए।

प्रश्न 5 किन्हीं दो विषयों पर टिप्पणियाँ लिखिए :- 20

क) मनोविश्लेषणवाद

ख) दलित चेतना का स्वरूप

ग) आदिवासी विमर्श

घ) आलोचना।



*Rayat Shikshan Sanstha's*

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**Syllabus of course that include experiential learning through project work**

**17. F.Y.B.Sc.  
Plant Diversity -I  
(USBO101) Paper-I**

University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

Semester I USBO101		L	Cr
Paper I -- Plant Diversity 1		<b>45</b>	<b>2</b>
<b><u>UNIT I</u></b>		<b>15</b>	
<b><u>ALGAE</u></b>			
1	Structure, life cycle and systematic position of <i>Nostoc</i> and <i>Spirogyra</i> .		
2	Economic importance of Algae.		
<b><u>UNIT II</u></b>		<b>15</b>	
<b><u>FUNGI</u></b>			
1	Structure, life cycle and systematic position of <i>Rhizopus</i> and <i>Aspergillus</i>		
2	Economic importance of Fungi.		
3	Modes of nutrition in Fungi (Saprophytism and Parasitism).		
<b><u>UNIT III</u></b>		<b>15</b>	
<b><u>BRYOPHYTA</u></b>			
1	General characters of Hepaticae		
2	Structure, life cycle and systematic position of <i>Riccia</i> .		

University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

<b>Semester I USBOP1</b>		<b>L</b>	<b>Cr</b>
<b>PRACTICAL Paper I – Plant Diversity 1</b>		30	1
1	Study of stages in the life cycle of <i>Nostoc</i> from fresh/ preserved material and permanent slides.		
2	Study of stages in the life cycle of <i>Spirogyra</i> from fresh/ preserved material and permanent slides.		
3	Economic importance of algae: <i>Ulva</i> (Biofuel), <i>Spirulina</i> (Neutraceutical), <i>Gelidium</i> (Agar)		
4	Study of stages in the life cycle of <i>Rhizopus</i> from fresh/ preserved material and permanent slides.		
5	Study of stages in the life cycle of <i>Aspergillus</i> from fresh/ preserved material and permanent slides.		
6	Economic importance of Fungi: Mushroom , Yeast, wood rotting fungi (any bracket fungus).		
7	Study of stages in the life cycle of <i>Riccia</i> from fresh/ preserved material.		
8	Study of stages in the life cycle of <i>Riccia</i> with the help of permanent slides.		
<b>PRACTICAL PAPER II- FORM AND FUNCTION 1</b>		30	1
1	Examining various stages of mitosis in root tip cells ( <i>Allium</i> )		
2	<b>Cell inclusions:</b> Starch grains (Potato and Rice); Aleurone Layer (Maize)		
3	Cystolith ( <i>Ficus</i> ); Raphides ( <i>Pistia</i> ); Sphaeraphides ( <i>Opuntia</i> ).		
4	Identification of cell organelles with the help of photomicrograph: Plastids: Chloroplast, Amyloplast, Endoplasmic Reticulum and Nucleus		
4	<b>Identification of plants adapted to different environmental conditions:</b> Hydrophytes: Floating: Free floating ( <i>Pistia/Eichornia</i> ); Rooted floating ( <i>Nymphaea</i> ); Submerged ( <i>Hydrilla</i> )		
5	Mesophytes (any common plant); Hygrophytes ( <i>Typha/Cyperus</i> )		

University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

6	Xerophytes : Succulent ( <i>Opuntia</i> ); Woody Xerophyte ( <i>Nerium</i> ); Halophyte ( <i>Avicennia</i> pneumatophore) No sections in ecology, only identification and description of specimens. Morphological adaptations only.		
7	Calculation of mean, median and mode.		
8	Calculation of standard deviation.		
9	Frequency distribution, graphical representation of data- frequency polygon, histogram, pie chart.		
10	Study of Karyotypes: Human: Normal male and female, <i>Allium cepa</i> .		

University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

DISTRIBUTION OF TOPICS AND CREDITS  
F Y B Sc. BOTANY SEMESTER I

Course	Nomenclature	Credits	Topics
USBO1O1	PLANT DIVERSITY 1	02	1. Algae
			2. Fungi
			3. Bryophyta
USBO1O2	FORM AND FUNCTION I	02	1. Cell Biology
			2. Ecology
			3. Genetics
USBOP1	Plant Diversity I, form and Function I (Practical I & II)	02	

F Y B Sc BOTANY SEMESTER II

Course	Nomenclature	Credits	Topics
USBO2O1	PLANT DIVERSITY I	02	1. Pteridophytes
			2. Gymnosperms
			3. Angiosperms
USBO2O2	FORM AND FUNCTION I	02	1. Anatomy
			2. Physiology
			3. Medicinal Botany
USBOP2	Plant Diversity I, Form and Function I ( Practical I & II)	02	



University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

References

1. College Botany Volume I and II Gangulee, Das and Dutta latest edition. Central Education enterprises
2. Cryptogamic Botany Volume I and II by G M Smith McGraw Hill.
3. Genetics by Russel. Wesley Longman inc publishers. ( 5<sup>th</sup> edition)
4. Plant Physiology by Taiz and Zeiger Sinauer Associates inc. publishers
5. Fundamentals of Ecology by E P Odum and G W Barrett. Thompson Asia Pvt Ltd. Singapore.
6. Cell Biology by De Robertis

University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

**Scheme of Examinations**

Internal and External Assessment as per CBSS of University of Mumbai

Note:

- Two short field excursions for habitat studies are compulsory.  
Field work of not less than eight hours duration is equivalent to one period per week for a batch of 15 students.
- A candidate will be allowed to appear for the practical examinations only if he/she submits a certified journal of F.Y.B.Sc. Botany or a certificate from the Head of the department / Institute to the effect that the candidate has completed the practical course of F.Y.B.Sc. Botany as per the minimum requirements. In case of loss of journal a candidate must produce a certificate from the Head of the department /Institute that the practicals for the academic year were completed by the student. However such a candidate will be allowed to appear for the practical examination but the marks allotted for the journal will not be granted.



*Rayat Shikshan Sanstha's*

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**Syllabus of course that include experiential learning through project work**

**18. F.Y.B.Sc.**

**Form and Function -I  
(USBO102) Paper-II**

University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

<b>Semester I</b> USBO102		<b>L</b>	<b>Cr</b>
<b>Paper II – Form and Function 1</b>		<b>45</b>	<b>2</b>
<b>UNIT I</b>		<b>15</b>	
<b>CELL BIOLOGY</b>			
1	General structure of plant cell: cell wall Plasma membrane (bilayer lipid structure, fluid mosaic model)		
2	Ultra structure and functions of the following cell organelles: Endoplasmic reticulum and Chloroplast		
<b>UNIT II</b>		<b>15</b>	
<b>ECOLOGY</b>			
1	Energy pyramids, energy flow in an ecosystem.		
2	Types of ecosystems: aquatic and terrestrial.		
<b>UNIT III</b>		<b>15</b>	
<b>GENETICS</b>			
1	Phenotype/Genotype, Mendelian Genetics- monohybrid, dihybrid; test cross; back cross ratios.		
2	Epistatic and non epistatic interactions; multiple alleles.		

University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

Semester I USBOP1		L	Cr
<b>PRACTICAL Paper I – Plant Diversity 1</b>		30	1
1	Study of stages in the life cycle of <i>Nostoc</i> from fresh/ preserved material and permanent slides.		
2	Study of stages in the life cycle of <i>Spirogyra</i> from fresh/ preserved material and permanent slides.		
3	Economic importance of algae: <i>Ulva</i> (Biofuel), <i>Spirulina</i> (Neutraceutical), <i>Gelidium</i> (Agar)		
4	Study of stages in the life cycle of <i>Rhizopus</i> from fresh/ preserved material and permanent slides.		
5	Study of stages in the life cycle of <i>Aspergillus</i> from fresh/ preserved material and permanent slides.		
6	Economic importance of Fungi: Mushroom , Yeast, wood rotting fungi (any bracket fungus).		
7	Study of stages in the life cycle of <i>Riccia</i> from fresh/ preserved material.		
8	Study of stages in the life cycle of <i>Riccia</i> with the help of permanent slides.		
<b>PRACTICAL PAPER II- FORM AND FUNCTION 1</b>		30	1
1	Examining various stages of mitosis in root tip cells ( <i>Allium</i> )		
2	<b>Cell inclusions:</b> Starch grains (Potato and Rice); Aleurone Layer (Maize)		
3	Cystolith ( <i>Ficus</i> ); Raphides ( <i>Pistia</i> ); Sphaeraphides ( <i>Opuntia</i> ).		
4	Identification of cell organelles with the help of photomicrograph: Plastids: Chloroplast, Amyloplast, Endoplasmic Reticulum and Nucleus		
4	<b>Identification of plants adapted to different environmental conditions:</b> Hydrophytes: Floating: Free floating ( <i>Pistia/Eichornia</i> ); Rooted floating ( <i>Nymphaea</i> ); Submerged ( <i>Hydrilla</i> )		
5	Mesophytes (any common plant); Hygrophytes ( <i>Typha/Cyperus</i> )		

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6	Xerophytes : Succulent ( <i>Opuntia</i> ); Woody Xerophyte ( <i>Nerium</i> ); Halophyte ( <i>Avicennia</i> pneumatophore) No sections in ecology, only identification and description of specimens. Morphological adaptations only.		
7	Calculation of mean, median and mode.		
8	Calculation of standard deviation.		
9	Frequency distribution, graphical representation of data- frequency polygon, histogram, pie chart.		
10	Study of Karyotypes: Human: Normal male and female, <i>Allium cepa</i> .		

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DISTRIBUTION OF TOPICS AND CREDITS  
F Y B Sc. BOTANY SEMESTER I

Course	Nomenclature	Credits	Topics
USBO1O1	PLANT DIVERSITY 1	02	1. Algae
			2. Fungi
			3. Bryophyta
USBO1O2	FORM AND FUNCTION I	02	1. Cell Biology
			2. Ecology
			3. Genetics
USBOP1	Plant Diversity I, form and Function I (Practical I & II)	02	

F Y B Sc BOTANY SEMESTER II

Course	Nomenclature	Credits	Topics
USBO2O1	PLANT DIVERSITY I	02	1. Pteridophytes
			2. Gymnosperms
			3. Angiosperms
USBO2O2	FORM AND FUNCTION I	02	1. Anatomy
			2. Physiology
			3. Medicinal Botany
USBOP2	Plant Diversity I, Form and Function I ( Practical I & II)	02	

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References

1. College Botany Volume I and II Gangulee, Das and Dutta latest edition. Central Education enterprises
2. Cryptogamic Botany Volume I and II by G M Smith McGraw Hill.
3. Genetics by Russel. Wesley Longman inc publishers. ( 5<sup>th</sup> edition)
4. Plant Physiology by Taiz and Zeiger Sinauer Associates inc. publishers
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6. Cell Biology by De Robertis



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**Scheme of Examinations**

Internal and External Assessment as per CBSS of University of Mumbai

Note:

- Two short field excursions for habitat studies are compulsory.  
Field work of not less than eight hours duration is equivalent to one period per week for a batch of 15 students.
- A candidate will be allowed to appear for the practical examinations only if he/she submits a certified journal of F.Y.B.Sc. Botany or a certificate from the Head of the department / Institute to the effect that the candidate has completed the practical course of F.Y.B.Sc. Botany as per the minimum requirements. In case of loss of journal a candidate must produce a certificate from the Head of the department /Institute that the practicals for the academic year were completed by the student. However such a candidate will be allowed to appear for the practical examination but the marks allotted for the journal will not be granted.



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**Syllabus of course that include experiential learning through project work**

**19. F.Y.B.Sc.  
Plant Diversity -I  
(USBO201) Paper-I**

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<b>Semester II USBO201</b>		<b>Hrs</b>	<b>Cr</b>
<b>Paper I -- Plant Diversity 1</b>		<b>45</b>	<b>2</b>
<b>UNIT I</b>		<b>15</b>	
<b><u>PTERIDOPHYTES</u></b>			
1	Structure life cycle, systematic position and alternation of generations in <i>Nephrolepis</i>		
2	Stelar evolution		
<b>UNIT II</b>		<b>15</b>	
<b><u>GYMNOSPERMS</u></b>			
2	Structure life cycle systematic position and alternation of generations in <i>Cycas</i>		
3	Economic importance of Gymnosperms		
<b>Unit III</b>			
<b><u>ANGIOSPERMS</u></b>		<b>15</b>	
1.	Leaf: simple leaf, types of compound leaves, Incisions of leaf, venation, phyllotaxy, types of stipules, leaf apex, leaf margin, leaf base, leaf shapes. Modifications of leaf: spine, tendril, hooks, phyllode, pitcher, <i>Drosera</i> or insectivorous plants.		
2	Inflorescence: Racemose: simple raceme, spike, catkin, spadix, panicle. Cymose: monochasial, dichasial, polychasial. Compound: corymb, umbel, cyathium, capitulum, verticillaster, hypanthodium.		
3	Study of following families: Malvaceae, Amaryllidaceae.		

<b>Semester II USBO202</b>		<b>Hrs</b>	<b>Cr</b>
<b>Paper II – Form and Function 1</b>		<b>45</b>	<b>2</b>
<b>UNIT I</b>		<b>15</b>	
<b><u>ANATOMY</u></b>			
1	Simple tissues, complex tissues.		
2	Primary structure of dicot and monocot root, stem and leaf.		
3	Epidermal tissue system: types of hair, monocot and dicot stomata.		

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<b>UNIT II</b>		<b>15</b>	
<b>PHYSIOLOGY</b>			
1	Photosynthesis: Light reactions, photolysis of water, photophosphorylation (cyclic and non cyclic), carbon fixation phase (C <sub>3</sub> , C <sub>4</sub> and CAM pathways).		
<b>UNIT III</b>		<b>15</b>	
<b>MEDICINAL BOTANY</b>			
1	Concept of primary and secondary metabolites, difference between primary and secondary metabolites.		
2	Grandma's pouch: Following plants have to be studied with respect to botanical source, part of the plant used, active constituents present and medicinal uses: <i>Oscimum sanctum</i> , <i>Adathoda vasica</i> , <i>Zinziber officinale</i> , <i>Curcuma longa</i> , <i>Santalum album</i> , <i>Aloe vera</i> .		

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<b>Semester II USBOP2</b>		<b>Cr</b>
<b>PRACTICAL Paper I – Plant Diversity 1</b>		<b>1</b>
1	Study of stages in the life cycle of <i>Nephrolepis</i> : Mounting of ramentum, hydathode, T.S. of rachis.	
2	T.S. of pinna of <i>Nephrolepis</i> passing through sorus.	
3	Stelar evolution with the help of permanent slides: Protostele: haplostele, actinostele, plectostele, mixed protostele, siphonostele: ectophloic, amphiphloic, dictyostele, eustele and atactostele.	
4	<i>Cycas</i> : T.S of leaflet ( <i>Cycas</i> pinna)	
5	Megasporophyll, microsporophyll, coralloid root, microspore, L.S. of ovule of <i>Cycas</i> – all specimens to be shown.	
6	Economic importance of Gymnosperms: <i>Pinus</i> ( turpentine, wood, seeds)	
7	Leaf morphology : as per theory	
8	Types of inflorescence: as per theory	
9	Malvaceae	
10	Amaryllidaceae	
<b>PRACTICAL Paper II – Form and Function 1</b>		<b>1</b>
1	Primary structure of dicot and monocot root.	
2	Primary structure of dicot and monocot stem.	
3	Study of dicot and monocot stomata.	
4	Epidermal outgrowths: with the help of mountings Unicellular: <i>Gossypium</i> /Radish Multicellular: <i>Lantana</i> /Sunflower Glandular: <i>Drosera</i> and Stinging: <i>Urtica</i> – only identification with the help of permanent slides. Peltate: <i>Thespesia</i> Stellate: <i>Erythrina</i> / <i>Sida acuta</i> / <i>Solanum</i> / <i>Helecteris</i>	

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	T-shaped: <i>Avicennia</i>	
5	Separation of chlorophyll pigments by strip paper chromatography.	
6	Separation of amino acids by paper chromatography.	
7	Change in colour because of change in pH: Anthocyanin: black grapes/Purple cabbage	
8	Test for tannins: tea powder/catechu.	
9	Identification of plants or plant parts for grandma's pouch as per theory.	

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DISTRIBUTION OF TOPICS AND CREDITS  
F Y B Sc. BOTANY SEMESTER I

Course	Nomenclature	Credits	Topics
USBO1O1	PLANT DIVERSITY 1	02	1. Algae
			2. Fungi
			3. Bryophyta
USBO1O2	FORM AND FUNCTION I	02	1. Cell Biology
			2. Ecology
			3. Genetics
USBOP1	Plant Diversity I, form and Function I (Practical I & II)	02	

F Y B Sc BOTANY SEMESTER II

Course	Nomenclature	Credits	Topics
USBO2O1	PLANT DIVERSITY I	02	1. Pteridophytes
			2. Gymnosperms
			3. Angiosperms
USBO2O2	FORM AND FUNCTION I	02	1. Anatomy
			2. Physiology
			3. Medicinal Botany
USBOP2	Plant Diversity I, Form and Function I ( Practical I & II)	02	

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References

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3. Genetics by Russel. Wesley Longman inc publishers. ( 5<sup>th</sup> edition)
4. Plant Physiology by Taiz and Zeiger Sinauer Associates inc. publishers
5. Fundamentals of Ecology by E P Odum and G W Barrett. Thompson Asia Pvt Ltd. Singapore.
6. Cell Biology by De Robertis



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FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

**Scheme of Examinations**

Internal and External Assessment as per CBSS of University of Mumbai

Note:

- Two short field excursions for habitat studies are compulsory.  
Field work of not less than eight hours duration is equivalent to one period per week for a batch of 15 students.
- A candidate will be allowed to appear for the practical examinations only if he/she submits a certified journal of F.Y.B.Sc. Botany or a certificate from the Head of the department / Institute to the effect that the candidate has completed the practical course of F.Y.B.Sc. Botany as per the minimum requirements. In case of loss of journal a candidate must produce a certificate from the Head of the department /Institute that the practicals for the academic year were completed by the student. However such a candidate will be allowed to appear for the practical examination but the marks allotted for the journal will not be granted.



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**Syllabus of course that include experiential learning through project work**

**20. F.Y.B.Sc.**

**Form and Function -I  
(USBO202) Paper-II**

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Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
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<b>Semester II USBO201</b>		<b>Hrs</b>	<b>Cr</b>
<b>Paper I -- Plant Diversity 1</b>		<b>45</b>	<b>2</b>
<b>UNIT I</b>		<b>15</b>	
<b><u>PTERIDOPHYTES</u></b>			
1	Structure life cycle, systematic position and alternation of generations in <i>Nephrolepis</i>		
2	Stelar evolution		
<b>UNIT II</b>		<b>15</b>	
<b><u>GYMNOSPERMS</u></b>			
2	Structure life cycle systematic position and alternation of generations in <i>Cycas</i>		
3	Economic importance of Gymnosperms		
<b>Unit III</b>			
<b><u>ANGIOSPERMS</u></b>		<b>15</b>	
1.	Leaf: simple leaf, types of compound leaves, Incisions of leaf, venation, phyllotaxy, types of stipules, leaf apex, leaf margin, leaf base, leaf shapes. Modifications of leaf: spine, tendril, hooks, phyllode, pitcher, <i>Drosera</i> or insectivorous plants.		
2	Inflorescence: Racemose: simple raceme, spike, catkin, spadix, panicle. Cymose: monochasial, dichasial, polychasial. Compound: corymb, umbel, cyathium, capitulum, verticillaster, hypanthodium.		
3	Study of following families: Malvaceae, Amaryllidaceae.		

<b>Semester II USBO202</b>		<b>Hrs</b>	<b>Cr</b>
<b>Paper II – Form and Function 1</b>		<b>45</b>	<b>2</b>
<b>UNIT I</b>		<b>15</b>	
<b><u>ANATOMY</u></b>			
1	Simple tissues, complex tissues.		
2	Primary structure of dicot and monocot root, stem and leaf.		
3	Epidermal tissue system: types of hair, monocot and dicot stomata.		

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<b>UNIT II</b>		<b>15</b>	
<b>PHYSIOLOGY</b>			
1	Photosynthesis: Light reactions, photolysis of water, photophosphorylation (cyclic and non cyclic), carbon fixation phase (C <sub>3</sub> , C <sub>4</sub> and CAM pathways).		
<b>UNIT III</b>		<b>15</b>	
<b>MEDICINAL BOTANY</b>			
1	Concept of primary and secondary metabolites, difference between primary and secondary metabolites.		
2	Grandma's pouch: Following plants have to be studied with respect to botanical source, part of the plant used, active constituents present and medicinal uses: <i>Oscimum sanctum</i> , <i>Adathoda vasica</i> , <i>Zinziber officinale</i> , <i>Curcuma longa</i> , <i>Santalum album</i> , <i>Aloe vera</i> .		

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<b>Semester II USBOP2</b>		<b>Cr</b>
<b>PRACTICAL Paper I – Plant Diversity 1</b>		<b>1</b>
1	Study of stages in the life cycle of <i>Nephrolepis</i> : Mounting of ramentum, hydathode, T.S. of rachis.	
2	T.S. of pinna of <i>Nephrolepis</i> passing through sorus.	
3	Stelar evolution with the help of permanent slides: Protostele: haplostele, actinostele, plectostele, mixed protostele, siphonostele: ectophloic, amphiphloic, dictyostele, eustele and atactostele.	
4	<i>Cycas</i> : T.S of leaflet ( <i>Cycas</i> pinna)	
5	Megasporophyll, microsporophyll, coralloid root, microspore, L.S. of ovule of <i>Cycas</i> – all specimens to be shown.	
6	Economic importance of Gymnosperms: <i>Pinus</i> ( turpentine, wood, seeds)	
7	Leaf morphology : as per theory	
8	Types of inflorescence: as per theory	
9	Malvaceae	
10	Amaryllidaceae	
<b>PRACTICAL Paper II – Form and Function 1</b>		<b>1</b>
1	Primary structure of dicot and monocot root.	
2	Primary structure of dicot and monocot stem.	
3	Study of dicot and monocot stomata.	
4	Epidermal outgrowths: with the help of mountings Unicellular: <i>Gossypium</i> /Radish Multicellular: <i>Lantana</i> /Sunflower Glandular: <i>Drosera</i> and Stinging: <i>Urtica</i> – only identification with the help of permanent slides. Peltate: <i>Thespesia</i> Stellate: <i>Erythrina</i> / <i>Sida acuta</i> / <i>Solanum</i> / <i>Helecteris</i>	

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FYBSc Syllabus Credit System 2014-2015 onwards

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**Item No. 4.23**

	T-shaped: <i>Avicennia</i>	
5	Separation of chlorophyll pigments by strip paper chromatography.	
6	Separation of amino acids by paper chromatography.	
7	Change in colour because of change in pH: Anthocyanin: black grapes/Purple cabbage	
8	Test for tannins: tea powder/catechu.	
9	Identification of plants or plant parts for grandma's pouch as per theory.	

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FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

DISTRIBUTION OF TOPICS AND CREDITS  
F Y B Sc. BOTANY SEMESTER I

Course	Nomenclature	Credits	Topics
USBO1O1	PLANT DIVERSITY 1	02	1. Algae
			2. Fungi
			3. Bryophyta
USBO1O2	FORM AND FUNCTION I	02	1. Cell Biology
			2. Ecology
			3. Genetics
USBOP1	Plant Diversity I, form and Function I (Practical I & II)	02	

F Y B Sc BOTANY SEMESTER II

Course	Nomenclature	Credits	Topics
USBO2O1	PLANT DIVERSITY I	02	1. Pteridophytes
			2. Gymnosperms
			3. Angiosperms
USBO2O2	FORM AND FUNCTION I	02	1. Anatomy
			2. Physiology
			3. Medicinal Botany
USBOP2	Plant Diversity I, Form and Function I ( Practical I & II)	02	

University of Mumbai  
Board of Studies in Botany  
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University of Mumbai  
Board of Studies in Botany  
FYBSc Syllabus Credit System 2014-2015 onwards

**AC 7/4/2014**  
**Item No. 4.23**

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Internal and External Assessment as per CBSS of University of Mumbai

Note:

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**Syllabus of course that include experiential learning through project work**

**21. F.Y.B.Sc.  
Zoology Practical  
(USZOP1) Course-I**

AC 26/2/2015  
Item No. 4.70

# UNIVERSITY OF MUMBAI



Syllabus for F.Y.B.Sc.  
Program BSc  
Course: **ZOOLOGY**

Semester I and II

(Credit Based Semester and Grading System  
with effect from the academic year 2015–2016)

## Syllabus Committee Members

Dr. Anil S. Singh	-	Convenor
Dr. Manisha Kulkarni	-	Co-convenor
Dr. Jyotsna Mahale	-	Co-convenor
Dr. Meenakshi Sundaresan	-	Co-convenor
Prof. Lata Sardesai	-	Co-convenor
Prof. P.C. Mathew	-	Co-convenor
Dr. Dilip Kakavipure	-	Co-convenor
Dr. V.M. Patole	-	Co-convenor
Dr. Kantilal H. Nagare	-	Co-convenor
Prof. Shanta Janyani	-	Co-convenor
Dr. S. Rangoonwala	-	Co-convenor
Dr. Minakshi Gurav	-	Member (Teacher)
Dr. Shirley B. Agwuocha	-	Member (Teacher)
Dr. Vishakha Shingala	-	Member (Teacher)
Dr. Gayathri N.	-	Member (Teacher)
Dr. Ansariya Rana	-	Member (Teacher)
Dr. Aditya S. Akerkar	-	Member (Teacher)
Dr. Shashikala Prajapati	-	Member (Teacher)
Dr. R.B. Singh	-	Member (Teacher)
Prof. Nitin Wasnik	-	Member (Teacher)
Prof. Nikhil C. Disoria	-	Member (Teacher)
Ms. Purva S. Prabhu	-	Member (Student)
Ms. Sachi R. Mayekar	-	Member (Student)
Ms. Neha Vajandar	-	Member (Student)
Ms. Payal A. Shah	-	Member (Student)
Ms. Anuradha Gaikar	-	Member (Student)
Ms. Sonal S. Prabhulkar	-	Member (Student)

# **Syllabus for FYBSc Course – ZOOLOGY**

1. Preamble
2. Pedagogy
3. Syllabus Semester I & II
4. References and Additional Reading
5. Scheme of Examination and Paper Pattern
6. Distribution of periods
7. Model Question bank

## **Aims**

- To nurture interest in the students for the subject of Zoology
- To create awareness of the basic and modern concepts of Zoology
- To orient students about the importance of abiotic and biotic factors of environment and their conservation.
- To provide an insight to the basic nutritional and health aspects of human life.
- To inculcate good laboratory practices in students and to train them about scientific handling of important instruments.

## Preamble

While presenting this new syllabus to the teachers and students of Semester I and Semester II (F.Y.B.Sc.) Zoology, I am extremely happy to state that for the first time efforts have been made to seek inputs of all the stake holders to make it more relevant.

In the first meeting of the Board of Studies an apex committee was formed to study syllabi worldwide with a view to include modern modules and plan semesters at UG and PG programs in advance to avoid overlapping and duplication of topics in various courses.

Meeting with the industry at the Indian Merchants' Chamber and with the meritorious alumni helped adding need based components. For the first time students were a part of the syllabus committee and the process became participative when the draft was finalized in an open meeting with all the Zoology teachers after having sought democratic criticism on the proposed syllabus placed on the University website for about one month.

While following the guidelines of UGC, use of animals is excluded from the practicals, substituting the same with audiovisual, ICT and simulation aids and that the syllabus is made more interesting with new, innovative topics. Providing the pedagogy as also indicating objectives and desired outcome of every topic for the teachers, and question bank for the students apart from the question paper pattern became an integral part of the syllabus, therefore.

Care is taken to provide the drafts from time to time and declare the final syllabus well in advance enabling the teachers to make preparations before commencement of the academic year and facilitating students to execute their right to know the details before admissions.

The success of this revamped syllabus will depend totally on the enthusiasm of the teachers which is very high all throughout the process and their hands will be strengthened by publishing the University text books for the first time. This curriculum of the Zoologists, for the Zoologists and by the Zoologists developed with the united efforts will take our ever progressive subject to greater heights in the years to come.

**- VINAYAK DALVIE, Chairman, BOS in Zoology**

**Syllabus for  
FYBSc.  
Course – ZOOLOGY  
To be implemented from Academic year 2015-16  
SEMESTER - I**

<b>COURSE CODE</b>	<b>UNIT</b>	<b>TOPICS</b>	<b>CREDITS</b>	<b>LECTURES/WEEK</b>
USZO101	I	Wonders of animal world	2	1
	II	Biodiversity and its conservation		1
	III	Footsteps to follow		1
USZO102	I	Laboratory safety and Units of Measurement	2	1
	II	Animal Biotechnology		1
	III	Instrumentation		1
USZOP1	Practical based on both courses		2	6

**SEMESTER - II**

<b>COURSE CODE</b>	<b>UNIT</b>	<b>TOPICS</b>	<b>CREDITS</b>	<b>LECTURES/WEEK</b>
USZO201	I	Population Ecology	2	1
	II	Ecosystem		1
	III	National park and Sanctuaries		1
USZO202	I	Nutrition and Health	2	1
	II	Public health and Hygiene		1
	III	Common human Diseases		1
USZOP2	Practical based on both courses		2	6

**SEMESTER I**  
**Practical USZOP1 (Course I)**

1. Mounting of foraminiferan shells from sand (any 3)
  2. Study of types of Corals - Brain, Organ pipe, Stag Horn, Mushroom coral Study of
  3. Study of the following:
    - a. Symbiosis (Termite and Trychonympha, hermit crab and sea anemone)
    - b. Camouflage (leaf insect, chameleon)
    - c. Cannibalistic mate-eating animals (Spider and Praying Mantis)
    - d. Animal architects: Termites, Harvester ant and Baya weaver bird
    - e. Study of bioluminescent organisms – Noctiluca, glow worm, fire fly, angler fish.
  4. Breeding and parental care in Amphibia- *Rhacophorus*, Midwife toad, Darwin's frog, Caecilian.
  5. Mounting of scales of fish (placoid, cycloid and ctenoid )
  - 6
    - a) Study of Adaptive radiation in Reptiles - Turtle, Tortoise, *Phrynosoma*, *Draco* )
    - b) Identification and differentiation of venomous and non-venomous snakes (Scales, Fangs, Bite marks, etc.)
  7. Study of Types of feathers(contour, filoplume, down), beaks(Nectar feeding , Insect catching, Fruit eating, Scavenging, Filter feeding), claws (perching, wading, swimming, hopping) in birds
  - 8 a. Identification of birds - Coppersmith Barbet, Bulbul, Rose ringed Parakeet, Magpie Robin, two local birds.
  - b. Field Report – To be done in a group of ten students (submission of written / typed report preferably along with photographs/ tables/ graphs.
- Other Suggested topics for field observation/survey:**
- Butterflies/ Fishes/ Migratory birds of local area.
  - Variations in Human like Attached vs. Free Earlobes, Blood Groups, Eye colour, etc. using statistical method.
9. Observations of fauna in the field (with reference to theory syllabus).

**\*Note - The practicals may be conducted by using specimens authorised by the wild such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. Specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.**

**#There shall be at least one excursion/field trip**



## PRACTICALS

### USZOP1 (Course I)

#### Skeleton -Practical Examination Question Paper Pattern

**Time: 2 hrs**

**Marks: 50**

- Q.1. From the given sample mount foraminiferan shells (Minimum three types) (15 Marks)
- OR
- Mounting of scales (placoid and cycloid/ctenoid) from fishes.
- Q.2. Identify the photograph of the given animals and comment on the type of interaction /speciality. (symbiosis, camouflage, cannibalistic mate eating animals and animal architects,bioluminescence). Any two (10 Marks)
- Q.3. Identify giving reasons - Venomous/Non-venomous snake (from photographs). (5 Marks)
- Q.4. Identification (one specimen each) (10 Marks)
- a. Types of corals
  - b. Amphibians-breeding and parental care
  - c. Adaptive radiation in reptiles
  - d. Types of feathers/ claws in birds
  - e. Types of beaks in birds
- Q.5. Field study report (Biodiversity) and viva on it. (10 Marks)



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**Syllabus of course that include experiential learning through project work**

**22. F.Y.B.Sc.**  
**Zoology Practical**  
**(USZOP2) Course-III**

AC 26/2/2015  
Item No. 4.70

# UNIVERSITY OF MUMBAI



Syllabus for F.Y.B.Sc.  
Program BSc  
Course: **ZOOLOGY**

Semester I and II

(Credit Based Semester and Grading System  
with effect from the academic year 2015–2016)

## Syllabus Committee Members

Dr. Anil S. Singh	-	Convenor
Dr. Manisha Kulkarni	-	Co-convenor
Dr. Jyotsna Mahale	-	Co-convenor
Dr. Meenakshi Sundaresan	-	Co-convenor
Prof. Lata Sardesai	-	Co-convenor
Prof. P.C. Mathew	-	Co-convenor
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Dr. S. Rangoonwala	-	Co-convenor
Dr. Minakshi Gurav	-	Member (Teacher)
Dr. Shirley B. Agwuocha	-	Member (Teacher)
Dr. Vishakha Shingala	-	Member (Teacher)
Dr. Gayathri N.	-	Member (Teacher)
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Prof. Nikhil C. Disoria	-	Member (Teacher)
Ms. Purva S. Prabhu	-	Member (Student)
Ms. Sachi R. Mayekar	-	Member (Student)
Ms. Neha Vajandar	-	Member (Student)
Ms. Payal A. Shah	-	Member (Student)
Ms. Anuradha Gaikar	-	Member (Student)
Ms. Sonal S. Prabhulkar	-	Member (Student)

# **Syllabus for FYBSc Course – ZOOLOGY**

1. Preamble
2. Pedagogy
3. Syllabus Semester I & II
4. References and Additional Reading
5. Scheme of Examination and Paper Pattern
6. Distribution of periods
7. Model Question bank

## **Aims**

- To nurture interest in the students for the subject of Zoology
- To create awareness of the basic and modern concepts of Zoology
- To orient students about the importance of abiotic and biotic factors of environment and their conservation.
- To provide an insight to the basic nutritional and health aspects of human life.
- To inculcate good laboratory practices in students and to train them about scientific handling of important instruments.

## Preamble

While presenting this new syllabus to the teachers and students of Semester I and Semester II (F.Y.B.Sc.) Zoology, I am extremely happy to state that for the first time efforts have been made to seek inputs of all the stake holders to make it more relevant.

In the first meeting of the Board of Studies an apex committee was formed to study syllabi worldwide with a view to include modern modules and plan semesters at UG and PG programs in advance to avoid overlapping and duplication of topics in various courses.

Meeting with the industry at the Indian Merchants' Chamber and with the meritorious alumni helped adding need based components. For the first time students were a part of the syllabus committee and the process became participative when the draft was finalized in an open meeting with all the Zoology teachers after having sought democratic criticism on the proposed syllabus placed on the University website for about one month.

While following the guidelines of UGC, use of animals is excluded from the practicals, substituting the same with audiovisual, ICT and simulation aids and that the syllabus is made more interesting with new, innovative topics. Providing the pedagogy as also indicating objectives and desired outcome of every topic for the teachers, and question bank for the students apart from the question paper pattern became an integral part of the syllabus, therefore.

Care is taken to provide the drafts from time to time and declare the final syllabus well in advance enabling the teachers to make preparations before commencement of the academic year and facilitating students to execute their right to know the details before admissions.

The success of this revamped syllabus will depend totally on the enthusiasm of the teachers which is very high all throughout the process and their hands will be strengthened by publishing the University text books for the first time. This curriculum of the Zoologists, for the Zoologists and by the Zoologists developed with the united efforts will take our ever progressive subject to greater heights in the years to come.

**- VINAYAK DALVIE, Chairman, BOS in Zoology**

**Syllabus for  
FYBSc.  
Course – ZOOLOGY  
To be implemented from Academic year 2015-16  
SEMESTER - I**

<b>COURSE CODE</b>	<b>UNIT</b>	<b>TOPICS</b>	<b>CREDITS</b>	<b>LECTURES/WEEK</b>
USZO101	I	Wonders of animal world	2	1
	II	Biodiversity and its conservation		1
	III	Footsteps to follow		1
USZO102	I	Laboratory safety and Units of Measurement	2	1
	II	Animal Biotechnology		1
	III	Instrumentation		1
USZOP1	Practical based on both courses		2	6

**SEMESTER - II**

<b>COURSE CODE</b>	<b>UNIT</b>	<b>TOPICS</b>	<b>CREDITS</b>	<b>LECTURES/WEEK</b>
USZO201	I	Population Ecology	2	1
	II	Ecosystem		1
	III	National park and Sanctuaries		1
USZO202	I	Nutrition and Health	2	1
	II	Public health and Hygiene		1
	III	Common human Diseases		1
USZOP2	Practical based on both courses		2	6

**SEMESTER II**  
**Practical USZOP2 ( Course III)**

1. Interpretation of the given graphs/ tables and comment on pattern of population nature :
  - i. Survivorship curve
  - ii. Life tables
  - iii. Fecundity tables
  - iv. Age structure
  - v. Sex ratio
2. a) Calculation of Natality, Mortality, Population density from given data  
b) Estimation of population density by capture recapture method
3. Interpretation of Growth curves (Sigmoid and J shaped)
4. Estimation of hardness from given water sample (tap water v/s well water)
5. Estimation of Free carbon dioxide (Free CO<sub>2</sub>) from two different samples-aerated drinks(diluted) v/s tap water
6. Identification and interpretation of aquatic and terrestrial (Grassland) food chains and food webs
7. Construction of food chain/food web using given information/data.
8. a) Identification and interpretation of ecological pyramids of energy, biomass and number  
b) Construction of different types of pyramid from given data.
9. Study of the following:
  - a) Endangered (Great Indian Bustard, Asiatic lion, Blackbuck, Olive Ridley sea turtle) and critically endangered species (Slender-billed vulture, Gharial, Malabar civet) of Indian wildlife and state reasons for their decline
  - b) Study Biodiversity hotspots using world map (Western Ghats and Indo-Burma)Study of sanctuaries, national parks, biosphere reserves in India with respect to its brand fauna as listed in theory)

**\*Note - The practicals may be conducted by using specimens authorised by the wildlife and such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. No new specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.**

**#There shall be at least one excursion/field trip**





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**Syllabus of course that include experiential learning through project work**

**23. F.Y.B.Sc.  
Zoology Practical  
(USZOP2) Course-IV**

AC 26/2/2015  
Item No. 4.70

# UNIVERSITY OF MUMBAI



Syllabus for F.Y.B.Sc.  
Program BSc  
Course: **ZOOLOGY**

Semester I and II

(Credit Based Semester and Grading System  
with effect from the academic year 2015–2016)

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	II	Biodiversity and its conservation		1
	III	Footsteps to follow		1
USZO102	I	Laboratory safety and Units of Measurement	2	1
	II	Animal Biotechnology		1
	III	Instrumentation		1
USZOP1	Practical based on both courses		2	6

**SEMESTER - II**

<b>COURSE CODE</b>	<b>UNIT</b>	<b>TOPICS</b>	<b>CREDITS</b>	<b>LECTURES/WEEK</b>
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	II	Ecosystem		1
	III	National park and Sanctuaries		1
USZO202	I	Nutrition and Health	2	1
	II	Public health and Hygiene		1
	III	Common human Diseases		1
USZOP2	Practical based on both courses		2	6

**Semester II USZOP2 (Course IV)**  
**Skeleton -Practical Examination Question Paper Pattern**

**Time: 2 hrs**

**Marks: 50**

- Q.1. Estimate Vitamin C from given sample. (15 Marks)  
OR  
Estimate Maltose content from bread.  
OR  
Estimate protein content from two different types of eggs.
- Q.2. Analyse the given food sample and identify food adulterants (any 2 samples). (10 Marks)  
OR  
Evaluate milk quality by Methylene Blue Reduction Test (MBRT).  
OR  
Determine efficacy of different antacids (any two) on acidic solution.
- Q.3. Determine moisture content from biscuits/ any other suitable food product. (5 Marks)  
OR  
On the basis of microscopic structure of starch granules identify different cereals (any two).  
OR  
Detect adulterants present in the given milk sample (any two).  
OR  
Determine whether given blood sample is from anaemic/non-anaemic person using  $\text{CuSO}_4$  Method and suggest the appropriate diet. 4
- Q.4. Identification (10 Marks)
- a) One specimen of Protozoan Parasites.
  - b) One specimen of Helminth Parasites.
  - c) One specimen from Ectoparasite
  - d) One specimen from Exoparasite
  - e) One specimen from Endoparasite
- Q.5. Submission of report of Body Mass Index (viva based on it) (10 Marks)

**Note: There shall be at least one excursion/field trip.**