

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

<b>Sr. No.</b>	<b>Heading</b>	<b>Particulars</b>
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	<b>P.G./ U.G./ Diploma / Certificate</b> ( Strike out which is not applicable)
7	Pattern	<b>Yearly / Semester</b> ( Strike out which is not applicable)
8	Status	<b>New / 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**

QUESTION NUMBER	DESCRIPTION	MARKS ASSIGNED
1	i. Question 1 A will be asked on the meaning / definition of concepts / terms from all	a) 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 centrism, 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**

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

	<b>ii.</b> Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semester  <b>iii.</b> In all 8 Questions will be asked out of which 5 have to be attempted.	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.

**University of Mumbai**  
**Syllabus for S.Y.B.A. (Applied Component)**  
**Program: B.A.**  
**Course: Business Communication**  
**Paper I & II**

**(Choice Based Credit System with effect from the Academic Year 2017-2018)**

**1. Syllabus as per Choice Based Credit System:**

- |       |                                      |   |
|-------|--------------------------------------|---|
| i)    | Name of the Program                  | :S.Y.B.A. (Applied Component)<br>Semester III and Semester IV |
| ii)   | Course Code                          | : UABC301 & UABC401   |
| iii)  | Course Title                         | : <b>Business Communication</b><br><b>Papers I &amp; II</b>   |
| iv)   | Semester wise Course Contents        | : Enclosed in the Copy of the Syllabus                        |
| v)    | References and Additional References | : Enclosed in the Syllabus                                    |
| vi)   | Credit Structure                     | : No. of Credits per Semester – 02                            |
| vii)  | No. of lectures per Unit             | : As mentioned in the syllabus                                |
| viii) | No. of lectures per week             | : 04  |

**2. Scheme of Examination** : 5 Questions of 20 marks each

**3. Special notes, if any** : No

**4. Eligibility, if any** : No

**5. Fee Structure** : As per University Structure

**6. Special Ordinances / Resolutions, if any** : No

**S.Y.B.A (Applied Component)**

**Course Title: Business Communication**

**Paper I & II**

**(100 Marks Examination Pattern)**

**Objectives:**

1. To develop an awareness about the complexity of communication in a dynamic business environment.
2. To develop effective oral, writing and listening skills among learners.
3. To demonstrate the effective use of communication technology.

**Course Outcomes:**

1. After successful completion of the course, the learner should have enhanced Listening,
2. Speaking, Reading and Writing skills and should be prepared to meet the challenges of
3. Communication in the business world

<b>Semester III</b>	<b>Applied Component</b>	<b>Paper I</b>	<b>2 Credits</b>
	<b>Course Title: Business Communication</b>		

**Total Lectures: 60**

**Unit 1: Theory of Communication**

**5 Lectures**

**The Concept of Communication**

Models of Communication: Linear / Interactive / Transactional / Shannon  
And Weaver (To be discussed, but not to be assessed)

Meaning and Definition of Communication

Process of Communication – Traditional Model of Communication i.e. SMCR (Sender,  
Medium, Channel, Receiver)

Need of Communication

Feedback

Emergence of Communication as a Key Concept in the Corporate and Global World

**Unit 2: Communication at the Workplace**

**i. Objectives of Communication**

**5 Lectures**

Information, Education and Training, Motivation, Persuasion, Raising  
Morale, Order and Instruction, Warning, Advice and Counseling

**ii. Channels of Communication**

**3 Lectures**

Formal and Informal – Vertical, Horizontal, Diagonal, Consensus and Grapevine

**iii. Methods of Communication**

**5 Lectures**

Verbal and Non-verbal (including Visual)

**iv. Business Etiquette****5 Lectures**

Office Etiquette, Internet Etiquette/Netiquette, Business Card Etiquette, Handshake Etiquette, Mobile Phone Etiquette

**v. Barriers to Communication and How to Overcome Them****5 Lectures**

Physical, Semantic/Language, Socio-Cultural and Psychological Barriers  
Ways of overcoming these Barriers

**vi. Listening****5 Lectures**

Importance of Listening Skills  
Barriers to Listening  
Cultivating Good Listening Skills  
Distinguishing between Hearing and Listening

**vii. Business Ethics****5 Lectures**

Ethics at the Workplace - Importance of Business Ethics  
Personal Integrity at the Workplace  
Business Ethics and Media  
Computer Ethics  
Corporate Social Responsibility

**Unit 3: New Media in Communication****5 Lectures****Impact of Technology Enabled Communication**

Types: Internet, Blogs, E-mail, Moodle, Social Media - Facebook, Twitter and  
What's App -Advantages & Disadvantages

**Unit 4: Business Correspondence****i. Theory of Business Letter Writing****5 Lectures**

Principles of Effective Letter Writing - 'You' Attitude, Jargon, Four C's of Communication – Correctness, Completeness, Conciseness, Courtesy  
Parts of a Business Letter  
Full Block Layout of a Business Letter  
Principles of Effective E-mail Writing

**ii. Personnel Correspondence****10 Lectures**

Statement of Purpose  
Letter of Recommendation  
Job Application Letter and Résumé  
Letter of Appointment (To be discussed, but not to be assessed)

Letter of Acceptance of Job Offer  
Letter of Appreciation  
Letter of Resignation

## Unit 5: Writing Skills

### Paragraph Writing

2 Lectures

Developing an idea, using appropriate linking devices, Cohesion and Coherence, self-editing etc.

### Evaluation Pattern:

<b>Third Semester End Examination</b>	<b>Duration: 3 Hours</b>	<b>100 Marks</b>
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**Question 1.** : 20 marks (10+10)

**A.** Explain the terms in 2 to 3 sentences ( five out of eight) (From All Units)

**B.** Objective type questions (From All Units)

**Question 2.** Short Notes (four out of six) (From Unit 1, Unit 2 & Unit 3) : 20 marks

**Question 3.** Essay Type Questions (two out of three) (From Unit 2) : 20 marks

**Question 4.** Personnel Letters (four out of five) : 20 marks

Letter of Recommendation  
Letter of Acceptance of Job Offer  
Letter of Resignation  
Letter of Appreciation  
Statement of Purpose

**Question 5.** 20 marks (10+05+05)

**A.** Job Application Letter and Résumé (05 + 05)

**B.** Situation-based Case Study  
(From Unit 02 Chap. 2 - Channels of Communication & Unit 2 Chap.5 Barriers to Communication)

**C.** Paragraph Writing (one out of two)

<b>Semester Four</b>	<b>Applied Component</b>	<b>Paper II</b>	<b>2 Credits</b>
<b>Course Title: Business Communication</b>			

**Total Lectures: 60**

### **Unit 1: Group Communication**

**i. Group Discussions& Interviews 8 Lectures**

Group Discussion  
 Preparing for an Interview  
 Types of Interviews – Selection, Appraisal, Grievance, Exit, Online  
 Soft Skills – Emotional Quotient (EQ), Conflict Management

**ii. Meetings 8 Lectures**

Need and Importance of Meetings  
 Types of Meetings  
 Conduct of a Formal Meeting  
 Group Dynamics  
 Role of the Chairperson  
 Role of the Participants  
 Drafting of Notice, Agenda and Resolutions

**iii. Committees & Conferences 8 Lectures**

Importance of Committees  
 Types of Committees  
 Meaning of Conference  
 Importance of Conferences  
 Organizing a Conference  
 Modern Methods of Conducting Conferences - Skype & Webinar

### **Unit 2: Public Relations 10 Lectures**

Meaning of Public Relations (PR)  
 Functions of the PR Department of an Organization  
 External and Internal Measures of Promoting PR  
 Crisis Management  
 Press Releases

**Unit3: Business Correspondence****15 Lectures**

Trade Letters  
Letters of Inquiry  
Letters of Complaints, Claims, Adjustments  
Sales Letters, Promotional Leaflets and Fliers  
Consumer Grievance Redressal Letters  
Letters under Right to Information (RTI) Act

**Unit 4: Report Writing****6 Lectures**

Parts of a Business Report  
Types of Business Reports  
Feasibility Reports (Reports to be Prepared)  
Investigative Reports (Reports to be Prepared)

**Unit 5: Language and Writing Skills****5 Lectures****Summarisation**

Identification of main and supporting/sub points  
Presenting the points in a cohesive manner

**Evaluation Pattern:**

<b>Fourth Semester End Examination</b>	<b>Duration: 3 Hours</b>	<b>100 Marks</b>
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**Question 1.** Short Notes (four out of six) (Units 1 & Unit 2) :20 marks

**Question 2.** Essay Type Questions (two out of three) (Units 1 & Unit 2) :20 marks

**Question 3.** Letters (four out of five) :20 marks

Letter of Inquiry  
Complaint & Claim/Adjustment Letter  
Sales Letter/Flier  
Consumer Grievance Redressal Letter  
RTI Letter

**Question 4.** :20 marks (10 +10)

**A.** Drafting a Business Report

**B.** Drafting a Notice, Agenda and 02 Resolutions

**Question 5.**

20 marks (10+05+05)

- A. Explain the terms in 2 to 3 sentences (five out of eight) (From all Units)
- B. Objective Type Questions (From all Units)
- C. Summarization (Unseen passage)

**References:**

1. Agarwal, AnjuD. (1989) *A Practical Handbook for Consumers*, India Book House, Mumbai.
2. Ashley, A. (1992) *A Handbook Of Commercial Correspondence*, Oxford University Press, New Delhi.
3. Aswalthapa, K. (1991) *Organisational Behaviour*, Himalayan Publications, Mumbai.
4. Atreya, N. and Guha (1994) *Effective Credit Management*, MMC School of Management, Mumbai.
5. Bahl , J. C. and NagamiaS. M. (1974) *Modern Business Correspondence and Minute Writing*, N. M. Tripathi Pvt. Ltd .New Delhi.
6. Balan, K.R. and Rayudu, C. S. (1996) *Effective Communication*, Beacon Books, New Delhi.
7. Bangh, L.Sue, Fryar, Maridell and Thomas David A. (1998) *How to Write First Class Business Correspondence*, N.T.C. Publishing Group USA.
8. Banerjee, Bani P. (2005) *Foundation of Ethics in Mangement*, Excel Books, New Delhi.
9. Barkar, Alan (1993) *Making Meetings Work*, Sterling Publications Pvt. Ltd., New Delhi.
10. Basu, C. R. (1998) *Business Organisation and Management*, Tata McGraw-Hill, New Delhi.
11. Benjamin, James (1993) *Business and Professional Communication Concepts and Practices*, Harper Collins College Publishers, New York.
12. Bhargava and Bhargava (1971) *Company Notices, Meetings and Regulations*, Taxman New Delhi.
13. Black, Sam (1972) *Practical Public Relations*, E.L.B.S. London.
14. Britt, Deborah. *Improving Business Communication Skills*, Kendall Hunt Publishing Co. (1992)

15. Bovee Courtland, L. and Thrill, John V. (1989) *Business Communication Today*, McGraw Hill, New York, Taxman Publication.
16. Burton, G. and Thakur, (1995) *Management Today- Principles and Practices*, Tata McGraw Hill, New Delhi.
17. Darrow, Richard, Forrstal, Dan and Coolman, Aubrey (1967) *Public Relations Handbook*, The Dartwell Co., Chicago.
18. Drucher, P.F. ((1970) *Technology, Management and Society*, Pan Books London.
19. Drucher, P.F. ((1974) *Management Responsibilities Practices*, Heinemann, London.
20. Eyre, E.C. (1985) *Effective Communication Made Simple*, Rupa and Co., Kolkata.
21. Ecouse, Barry (1999), *Competitive Communication: A Rhetoric for Modern Business*, OUP, New Delhi.
22. Fisher, Dalmar (1999), *Communication in Organisation*, Jaico Publishing House, Mumbai.
23. Frailley, L.E. (1982) *Handbook of Business Letters*, Revised Edn. Prentice Hall Inc., New Jersey.
24. French, Astrid (1993) *Interpersonal Skills*, Sterling Publishers, New Delhi.
25. Fritzsche, David J. (2005) *Business Ethics: A Global and Managerial Perspective*, McGrawHill, New York.
26. Gartside, L.E. (1980) *Modern Business Correspondence*, McDonald and Evans Ltd. Plymouth.
27. Ghanekar, A. (1996) *Communication Skills for Effective Management*, Everest Publishing House, Pune.
28. Goleman, Daniel (1995) *Emotional Intelligence*, Bloomsbury Publications, Great Britain.
29. Graves, Harold F. (1965) *Report Writing*, Prentice Hall, New Jersey.
30. Gupta, Anand Das (2010) *Ethics, Business and Society: Managing Responsibly*, Response Books, New Delhi.
31. Gupta, Dipankar (2006) *Ethics Incorporated: Top Priority and Bottom Line*, Response Books, New Delhi.
32. Krevolin, Nathan (1983) *Communication Systems and Procedures for Modern Office*, Prentice Hall, New Jersey.
33. Lesikar, Raymond V. and Petit, John D. (1994) *Business Communication: Theory and Application*, Richard D. Irwin Inc., Illinois.

34. Ludlow, Ron. (1995) *The Essence of Effective Communication*, Prentice, New Delhi.
35. M. Ashraf, Rizvi (2006) *Effective Technical Communication*, Tata McGraw Hill, New Delhi.
36. Martson, John E. 1963) *The Nature of Public Relations*, McGraw Hill, New Delhi.
37. Majumdar, P.K. (1992) *Commentary on the Consumer Protection Act*, Prentice, New Delhi.
38. McLean, Scott L. (2016) *Business Communication for Success*, Flat World Publishers, Washington.
39. McQuail, Denis (1975) *Communication*, Longman, New York.
40. Merrihue, William (1960) *Managing by Communication*, McGraw Hill, New York.
41. Mishra Rajiv K. (2006) *Code of Conduct for Managers*, Rupa Company, Mumbai.
42. Monippalli, M.M. (1997), *The Craft of Business Letter Writing*, Tata McGraw Hill, New Delhi.
43. Montagu, A. and Matson, Floyd (1979) *The Human Connection*. McGraw Hill, New York.
44. Murphy, Herta and Hilde Brandt, Herbert W. (1984) *Effective Business Communication*, McGraw Hill, New York.
45. Parry, John (1968) *The Psychology of Human Communication*, American Elsevier, New York.
46. Peterson, Robert A and Ferrell, O.C. (2005) *Business Ethics: New Challenges for Business Schools and Corporate Leaders*, Prentice Hall of India Pvt., Ltd.
47. Ross, Robert D. (1977) *The Management of Public Relations*, John Wiley and Sons, U.S.A.
48. Sadri Sorab, Sinha Arun and Bonnerjee Peter (1998) *Business Ethics: Concepts and Cases*, Tata McGraw Hill, New Delhi.
49. Shekhar, R.C. (1997) *Ethical Choices in Business*, Response Books, Pennsylvania State University Press, U.S.A.
50. Stephenson, James (1988) *Principles and Practice of Commercial Correspondence*. Pilman and Sons Ltd., London.
51. Shurter, Robert L. (1971) *Written Communication in Business*, Tata McGraw Hill, Tokyo.

### **General Reading List for Improved Language Skills:**

[N.B. The list is only indicative and not prescriptive.]

1. Yousafzai Malala. *I Am Malala*, Weidenfeld & Nicolson, U.K.
2. Bach Richard. *Illusions II*, Create Space Independent Publishing Platform (Amazon).
3. Pillai, Radhakrishnan. *Corporate Chanakya*, Jaico Publishing House, Mumbai.
4. Tzu, Sun. *The Art of War*, Fingerprint Publishing (Amazon).
5. Goldratt, Eliyahu M. *The Goal*, Productivity & Quality Publishing (Amazon).
6. Goldratt, Eliyahu M. *It's Not Luck*, North River Press, U.S.A.
7. Murthy, Sudha. *Wise and Otherwise* Penguin India, New Delhi.
8. Choudhary, Arindam. *Count Your Chickens before They Hatch*, Vikas Publishing House, India.
9. Kalam, APJ. *Wings of Fire*, Universities Press, India.
10. Kalam APJ. *Ignited Minds*, Penguin India, New Delhi.

### **Suggested List of Websites**

1. <http://lifehacker.com/top-10-ways-to-improve-your-communication-skills-1590488550>
2. <https://www.thebalance.com/verbal-communication-skills-list-2059698>
3. <https://bemycareercoach.com/soft-skills/list-soft-skills.html>
4. <https://www.thebalance.com/verbal-communication-skills-list-2059698>
5. <https://bemycareercoach.com/soft-skills/list-soft-skills.html>
6. <https://www.sitepoint.com/social-networking-sites-for-business>

### **Suggested List of You Tube Videos**

1. <https://www.youtube.com/watch?v=K15ca0n0ois>
2. <https://www.youtube.com/watch?v=ixSUB11WNxk>
3. <https://www.youtube.com/watch?v=K15ca0n0ois>
4. <http://www.lifehack.org/.../communication/improvecommunicationskills.html>

### **IIT Kanpur Video Lectures**

1. <http://nptel.ac.in/courses/109104031/>
2. <http://nptel.ac.in/courses/109104030/>

### **Suggested List of MOOCs**

1. <https://www.mooc-list.com/tags/communication-skills>
2. <https://www.mooc-list.com/.../effective-communication>
3. <https://www.mooc-list.com/tags/business-communication>
4. <https://www.skilledup.com/.../learn-communications-online-free>
5. <http://www.about.com/Communication+Skills+List>

### **Coursera**

1. <https://www.coursera.org/learn/management-leadership-english#>
2. <https://www.coursera.org/learn/business#>
3. <https://www.coursera.org/learn/powerpoint-presentations>

### **Syllabus Prepared by:**

#### **Convener:**

Dr. Hemangi Bhagwat, Department of English, Somaiya College, Mumbai.

#### **Members:**

Dr. Ishrat Ali Lalljee, Department of English, Hinduja College of Commerce, Mumbai.

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Dr. Neena Nair, Department of English, Valia College, Mumbai.

## **S.Y.B.A (ECONOMICS)**

### **APPLIED COMPONENT (Revised Syllabus)**

**(To be implemented as per Credit Based Semester and Grading System with effect from the academic year 2017–2018)**

### **SEMESTER - III**

303(A) Demography (Credits-2)

OR

303(B) Elementary Quantitative Techniques (Credits-2)

OR

303© Entrepreneurial Development (Credits-2)

OR

303 (D) Investment Analysis (Credits-2)

OR

303(E) Market Research (Credits-2)

### **SEMESTER - IV**

403 (A) Demography (Credits-2)

OR

403(B) Elementary Quantitative Techniques (Credits-2)

OR

403© Entrepreneurial Development (Credits-2)

OR

403(D) Investment Analysis (Credits-2)

OR

403(E) Market Research (Credits-2)

### **303(A) Demography Paper – I**

Preamble: The modules incorporated in this paper educate the students about the inter-relationship between economic development and population along with an exposition of the established theories of population. Issues related to demographic techniques and basic sources of demographic data in the Indian economy have also been included. Aspects of the population policy and the study of its social characteristics are other important components of the modules of this paper.

## **Semester III**

1. Introduction : (15)
  - Demography – Its definition, nature and scope, its relation with other disciplines.
  - Theories of Population - Malthusian Theory, Optimum theory of population and theory of demographic transition.
  - Population growth in India.
  - Features of Indian population.
2. Sources of demographic data in India : (15)
  - Salient features of census – including 2011 census.
  - Civil Registration System.
  - National Sample Survey.
  - Demographic Survey – National Family Health survey -1,2 and 3.
  - Relative merits and demerits of these sources.
3. Techniques of Analysis : (15)
  - Crude birth rate and death rate, Age specific birth rate and death rate, standardized birth rate and death rate.
  - Study of fertility – total fertility rate, gross reproduction rate and net reproduction rate.
  - Measurement of population growth rate – simple growth rate and compound growth rate.

### **REFERENCES :**

1. Agarwal S.S. (1985) - 'India's Population Problem' – Tata McGraw Hill Publication, Bombay.
2. A.K. P.C. Swain (2008) – 'Population Studies' – Kalyani Publications, Ludhiana.

3. Bhende A.A. & Tara Kanitkar (1982) – ‘Principles of Population Studies’– Himalaya Publishing House, Bombay.
4. Hans Raj (1984) – ‘Fundamentals of Demography – Surjeet Publication, Delhi.
5. Jhingan, Bhat & Desai – ‘Demography’ –
6. Dr. D.D.Kachole (2001) – ‘Demography’ – Kailasha Publication, Aurangabad.

### **ADDITIONAL REFERENCES**

1. Bose A. (1996)– ‘India’s Basic Demographic Statistics’ – B.R. Publishing Corporation, New Delhi
2. Government of India – (Various Reports), Census of India, New Delhi.
3. Srinivasan K (1998) – ‘Basic Demographic Techniques and Applications’ – Sage Publications, New Delhi.
4. Dutt & Sundaram – ‘Indian Economy’
5. Tara Kanetkar and Sumati Kulkarni (1979) - ‘Loksankhya Shastra’ – Shri Vidya Prakashan, Pune.
6. Bhosale & Kate (2010) – ‘Bharatiya Arth Vyavastha’ – Phadke Prakashan , Kolhapur.
7. Bhosale & Kate (2006)– ‘Loksankhya Shastra’ - Phadke Prakashan , Kolhapur.
8. K.H. Thakkar - ‘Loksankhya Shastra’ – Phadke Prakashan , Kolhapur.
9. Ahirrao-Alizad-Dapte-Varat-Bhose (2001) – ‘Loksankhya’ – Nirali Publication, Pune

### **403(A) Demography Paper-II**

#### **Semester IV**

1. Fertility, Nuptiality and Mortality. (15)
  - Fertility – concept and factors affecting fertility.
  - Nuptiality – concept, age at marriage and factors affecting nuptiality.
  - Mortality - concept and factors affecting mortality. • Life Table – concept and its importance.
2. Migration and Urbanisation: (15)
  - Migration – concept and types, factors affecting migration, Theory of Migration ( Harris and Todaro model), issues related to migration.

- Urbanisation - Concept, trends and patterns of urbanization in India, problems of urbanization in India (poverty, food supply, water, sanitation, housing, slum areas, employment, health, education, transport, environment etc.).

### 3. Population Policy : (15)

- Salient features and evolution of India's population policy.
- Shift in policy focus from population control to family welfare to women empowerment.
- Family Planning – Meaning, importance and methods of family planning.
- Population Projection in India.

### **REFERENCES :**

1. Agarwal S.S. (1985) - 'India's Population Problem' – Tata McGraw Hill Publication, Bombay.
2. A.K. P.C. Swain (2008) – 'Population Studies' – Kalyani Publications, Ludhiana.
3. Bhende A.A. & Tara Kanitkar (1982) – 'Principles of Population Studies'– Himalaya Publishing House, Bombay.
4. Hans Raj (1984) – 'Fundamentals of Demography' – Surjeet Publication, Delhi.
5. Jhingan, Bhat & Desai – 'Demography' –
6. Dr. D.D.Kachole (2001) – 'Demography' – Kailasha Publication, Aurangabad.

### **ADDITIONAL REFERENCES**

1. Choubey P.K. (2000) - 'Population Policy of India', - Kanishka Publication, New Delhi.
2. Gandotra & Narayan Das (1984) – 'Population Policy in India' - Blackie Publication, Mumbai.
3. Government of India – (Various Reports), Census of India, New Delhi.
4. Gupta J.A. (2000), 'New Reproductive Technologies : Women's Health and Autonomy, Indo-Dutch Studies on Development Alternatives, Sage Publications, New Delhi.
5. Phadke V.S. & Swapna Banerjee Guha (Ed) (2007)- 'Urbanisation, Development and Environment' – Rawat Publication, New Delhi.
6. Shekhar Mukherjee (2006)– ' Migration and Urban Decay' – Rawat Publication, New Delhi.

7. Todaro Michael P & Stephen C Smith (2003) – ‘Economic Development’, 8e- Delhi Pearson Education.
8. Dutt & Sundaram – ‘Indian Economy’
9. Tara Kanetkar and Sumati Kulkarni (1979) - ‘Loksankhya Shastra’ – Shri Vidya Prakashan, Pune.
10. Bhosale & Kate (2010) – ‘Bharatiya Arth Vyavastha’ – Phadke Prakashan , Kolhapur.
11. Bhosale & Kate (2006)– ‘Loksankhya Shastra’ - Phadke Prakashan , Kolhapur.
12. K.H. Thakkar - ‘Loksankhya Shastra’ – Phadke Prakashan , Kolhapur.
13. Ahirrao-Alizad-Dapte-Varat-Bhose (2001) – ‘Loksankhya’ – Nirali Publication, Pune

**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- III**  
**Paper-II: An Introduction to Climatology**  
**COURSE CODE: UAGEO 301 (2017-18), Credit - 3**

<b>Unit-I: Introduction to Climatology</b>		<b>09 (lectures)</b>
1.1	Definition, nature, scope and branches of climatology	
1.2	Concept and elements of weather and climate	
1.3	Composition and structure of atmosphere	
1.4	Insolation: Vertical and horizontal distribution of temperature	
<b>Unit-II : Air Pressure and Atmospheric Circulation</b>		<b>09 (lectures)</b>
2.1	Air pressure: Influencing factors – Tricellular model	
2.2	Horizontal distribution of air pressure	
2.3	Wind: Types of winds – global, regional and local	
2.4	Upper air circulation – jet stream ( concept, origin and effects)	
<b>Unit-III: Humidity and Precipitation</b>		<b>09 (lectures)</b>
3.1	Humidity: Types - absolute, relative and specific	
3.2	Condensation and its forms	
3.3	Precipitation and its types	
3.4	Global distribution of rainfall	
<b>Unit-IV: Climate and Weather Phenomena</b>		<b>09 (lectures)</b>
4.1	Cyclones: tropical and temperate	
4.2	Anti-cyclones and tornados	
4.3	El Nino and Indian monsoon	
4.4	Global warming and climate change	
<b>Unit-V: Practical Component</b>		<b>09 (lectures)</b>
5.1	IMD: Weather signs and symbols, Interpretation of IMD weather	
5.2	maps Construction of :wind rose, climograph and hythergraph	

**Reference Books:-**

1. Ahrens, C.D. (2012): Essentials of Meteorology: An Invitation to the Atmosphere; Cengage Learning, Boston
2. Ahrens, C.D., Jackson, P.L., Jackson, C.E.J. and Jackson, C.E.O. (2012): Meteorology Today: An Introduction to Weather, Climate and the Environment; Cengage Learning; Boston
3. Barry, R.G. and Chorley, R.J. (2003): Atmosphere, Weather and Climate; Psychology Press, Hove; East Sussex.
4. Chawan S.V. (ed) (2015): Physical Geography, Paper I, Published by Director (I/C), Institute of Distance and Open Learning, University of Mumbai.
5. Critchfield, H.J., (1975): general Climatology, Prentice Hall, New Jersey.
6. Lal D.S. (1997): Climatology; Sharda Pustak Bhavan; Allahabad
7. Lydolph, P.E.( 1985): The Climate of the Earth, Rowman Nad Allanheld, Totowa, New Jersey.
8. Mather,J.R.(1974): Climatology: Fundamentals and Applications; Mc Craw Hill Book Co., U.S.A.
9. Matthews, W. H., Kellogg, W., Robinson, G.D. (1971): Man's Impact on Climate; M.I.T. Press Design Dept. U.S.A.
10. Oliver, J.E. (1993): Climatology: An Atmospheric Science, Pearson Education India, New Delhi
11. Rosenberg, N.J., Blad, B.L., Verma, S.B.(1983): Micro-climate Biological Environment; John Wiley & Sons, U.S.A.
12. Rumney, G.R. (1968): Climatology and the World Climates, Macmillan, London.
13. Shinde P. ; Pednekar H. et.al. (2010): Introduction to Geography, Sheth Publishers Pvt.Ltd., Mumbai.
14. Subrahmanyam, V.P. (ed) (1983): Contributions to Indian Geography a) Vol III- General Climatology, b) Volume IV- Applied Climatology. Heritage Publishers, New Delhi.
15. Trewartha, G.T. (1980): An Introduction to Climate; McGraw Hill, New York, 5<sup>th</sup> edition, (International Student Edition)

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**University of Mumbai**  
**Question Paper Pattern**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- III**  
**Paper-II: An Introduction to Climatology**  
**COURSE CODE: UAGEO 301 (2017-18)**

<b>Duration: 3 hours</b>	<b>Marks: 100</b>
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.	

<b>Q. 1</b>	<b>Practical, Unit – V</b> A) Weather signs and symbols B) Interpretation / question answers on weather maps C) Construction of one diagram based on climatic data	<b>20 marks</b> (05 Marks) (05 Marks) (10 Marks )
<b>Q. 2</b>	<b>Unit-I</b>	<b>20 Marks</b>
<i>OR</i>		
<b>Q.2</b>	<b>Unit-I</b>	<b>20 Marks</b>
<b>Q. 3</b>	<b>Unit-II</b>	<b>20 Marks</b>
<i>OR</i>		
<b>Q. 3</b>	<b>Unit-II</b>	<b>20 Marks</b>
<b>Q. 4</b>	<b>Unit-III</b>	<b>20 Marks</b>
<i>OR</i>		
<b>Q. 4</b>	<b>Unit-III</b>	<b>20 Marks</b>
<b>Q. 5</b>	<b>Unit-IV</b>	<b>20 Marks</b>
<i>OR</i>		
<b>Q. 5</b>	<b>Unit-IV</b>	<b>20 Marks</b>

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**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- IV**  
**Paper-II: Introduction to Oceanography**  
**COURSE CODE: UAGEO 402 (2017-18), Credit - 3**

<b>Unit-I: Nature of Oceanography</b>		<b>09 (lectures)</b>
1.1	Origin and Development of Oceanography	
1.2	Oceanography : meaning, definition, nature and scope	
1.3	Branches of oceanography: physical chemical and biological	
1.4	Major Oceans and its characteristic features	
<b>Unit-II: Bottom Relief and Ocean Water</b>		<b>09 (lectures)</b>
2.1	Ocean floor and its characteristics	
2.2	Composition of ocean water	
2.3	Factors affecting ocean water temperature	
2.4	Vertical and horizontal distribution of ocean temperature	
2.5	Factors affecting salinity of ocean water	
2.6	Vertical and horizontal distribution of oceanic salinity	
<b>Unit-III: Movements of Ocean Water</b>		<b>09 (lectures)</b>
3.1	Waves- Formation and types	
3.2	Tsunami and their effects on coast	
3.3	Concept and types of Tides	
3.4	Equilibrium theory of Tides	
3.5	Ocean Currents – types and their effects	
<b>Unit-IV: Man and Ocean</b>		<b>09 (lectures)</b>
4.1	El- Niño and La-Niña phenomenon	
4.2	Coral reefs and their importance	
4.3	Marine Ecosystem	
4.4	Marine pollution	
4.5	Oceans and global climate change	
<b>Unit-V: Practical Component</b>		<b>09 (lectures)</b>
5.1	Map filling : Related to Oceanography	
5.2	Reading and Interpretation of navigation charts and bathymetric maps	

## Reference books:-

1. Bhatt, J.J. 91978): Exploring the Planet Ocean, D.Von Nostrand Co.New York.
2. Birla Economic Research Foundation, economic Research Division 91992): The Oceans, Allied Publishers Ltd. New Delhi.
3. Chandra, S. and Others (eds).(1993): The Indian Ocean and its islands: Strategic Scientific and Historical perspectives, sage Publications, New Delhi.
4. Chawan S.V. (ed) (2015): Physical Geography, Paper I, Published by Director (I/C), Institute of Distance and Open Learning, University of Mumbai.
5. Fairbridge, R.W.ed) Encyclopeadia of Oceanography, Reinholt, New York.
6. Sharma, R.C. (ed)(1985): The Oceans: realities and Prospects, Rajesh Publications, New Delhi.
7. Sengupta,R. and Desa E,(eds) (2001): The Indian Ocean: A Perspective Vol.,I and II Oxford and IBH Publishing Company Private Limited, New Delhi.
8. Paul, P.R.(1998): Invitation to Oceanography, Jones and Bartlett Publishing, Sudbury, Massachusetts.
9. Rajgopalan, R (ed) (1996): Voices for Oceans, A Report to the Independent World Commission on the Oceans, International Ocean Institute, Operational centre, Madras, India.
10. Qasim, S.Z(1998): Glimpses of Indian Ocean, Universities Press(India) Limited, Hyderabad.

## University of Mumbai

### Question Paper Pattern

**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSCS)**

**S.Y.B.A. Geography, Semester- IV**

**Paper-II- (Introduction to Oceanography)**

Duration: 3 hours		Marks: 100	
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.			
Q.1	<b>Practical Unit V:</b> 5.1		10 Marks
	5.2		10 Marks
Q. 2	Unit-I		20 Marks
<b>OR</b>			
Q.2	Unit-I		20 Marks
Q. 3	Unit-II		20 Marks
<b>OR</b>			

Q. 3	Unit-II		20 Marks
Q. 4	Unit-III		20 Marks
<b>OR</b>			
Q. 4	Unit-III		20 Marks
Q. 5	Unit-IV		20 Marks
<b>OR</b>			
Q. 5	Unit-IV		20 Marks

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**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography - Semester- III**  
**Paper-III: Physical Geography of India**  
**COURSE CODE: UAGEO 302 (2017-18), Credit - 3**

<b>Unit-I: Introduction of India</b>		<b>09 (lectures)</b>
1.1	India: Location , extent and significance	
1.2	India: Major physiographic divisions and their formation	
1.3	Mountainous region of India	
1.4	North Indian plains	
1.5	Peninsular plateau of India	
1.6	Coastal plains and islands of India	
<b>Unit-II: Drainage and Climate</b>		<b>09 (lectures)</b>
2.1	Drainage System in India (Himalayan and Peninsular drainage system )	
2.2	Major Himalayan rivers of India	
2.3	Major Peninsular Rivers of India	
2.4	Major lakes of India	
2.5	Seasons in India	
2.6	Distribution of rainfall in India	
<b>Unit-III: Soils and Natural Vegetation</b>		<b>09 (lectures)</b>
3.1	Classification of soils of India	
3.2	Problems associated with soils and its remedies in India	
3.3	Classification of Forest in India	
3.4	Importance of Forest in Indian context	
3.5	Deforestation and measures of forests conservation in India	
<b>Unit-IV: Mineral and Power Resources</b>		<b>09 (lectures)</b>

4.1	Distribution of Metallic Minerals in India: Iron ore, manganese, bauxite, copper and other important minerals	
4.2	Distribution of Non-Metallic Minerals in India: Mica, limestone, gypsum, clay and other important minerals	
4.3	Distribution of Power Resources : Coal, mineral oil and natural gas, thorium and uranium	
4.4	Depletion and conservation of minerals and power resources in India	
<b>Unit-V: Practical Component</b>		<b>09 (lectures)</b>
5.1	Map filling: Showing geographical features in the Map of India (Related to physiography)	
5.2	Map Scale – Types, Conversion and drawing	

**Reference books:-**

1. Deshpande C.D. (1992): India: A Regional Interpretation, Northern Book Centre, New Delhi.
2. Bharucha, F.R. (1983): A text book of the plant geography of India, Oxford University Press, Bombay.
3. Dikshit, K.R.(1991): Environment, Forest Ecology and man in the Western Ghats-The Case of Mahabaleshwar Plateau, Rawat Publications, New Delhi.
4. Forest Survey of India: State Forests Reports, Dehradun.
5. Khullar, D.R. (2014): India: A Comprehensive Geography; Kalyani Publishers
6. Miller, R.W. et al. (1995): Soil in Our Environment, Prentice hall, U.S.A.
7. Raychudhari, S.P.(1958): Soils of India, ICAR, New Delhi
8. Robinson, F (ed.) (1989): The Cambridge Encyclopedia of India, Pakistan, Bangladesh and Sri Lanka,Cambridge University Press.
9. Savindra Singh (2006) : Physical Geography of India ; Pravalika Publications, Allahabad.
10. Sharma T.C. ( 2013) Economic Geography of India; Rawat Publications, New Delhi.

11. Shinde P. ; Pednekar H. et.al. (2010): Introduction to Geography, Sheth Publishers Pvt.Ltd., Mumbai.
12. Shinde P. ; Pednekar H. et.al. (2011): Economic Geography of India, SYBA paper II Sheth Publishers , Pvt.Ltd., Mumbai
13. Singh, R.L. (1971): India-A Regional Geography, National Geographical Society of India, Varanasi.
14. Tirth, R (1996): Geography of India, Rawat Publications, Jaipur.
15. Majid Hussain (2014, 5<sup>th</sup> edition): Geography of India, McGraw Hill Education (India) Private Ltd, Uttar Pradesh..

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**Question Paper Pattern**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- III**  
**Paper-III: Physical Geography of India**

Duration: 3 hours		Marks: 100	
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.			
Q. 1	Practical, Unit - V		
	5.1		10 Marks
	5.2		10 Marks
Q. 2	Unit-I		20 Marks
OR			
Q.2	Unit-I		20 Marks
Q. 3	Unit-II		20 Marks
OR			
Q. 3	Unit-II		20 Marks
Q. 4	Unit-III		20 Marks
OR			
Q. 4	Unit-III		20 Marks
Q. 5	Unit-IV		20 Marks
OR			
Q. 5	Unit-IV		20 Marks

**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A./ S.Y.B.Sc. Geography, Semester- IV**  
**Paper-III: Agriculture Geography of India**  
**COURSE CODE: UAGEO401 (2017-18) Credit - 3**

<b>Unit-I: Introduction to Agricultural Geography</b>		<b>09 (lectures)</b>
1.1	Definition, nature and scope of agricultural geography	
1.2	Approaches: regional approach, systematic approach, commodity approach, recent approaches	
1.3	Importance of agriculture in Indian economy	
1.4	Factors influencing agriculture in India	
1.5	India a agro-product exporting country	
<b>Unit-II: Introduction to Indian Agriculture</b>		<b>09 (lectures)</b>
2.1	Salient features of Indian agriculture	
2.2	Types of farming in India	
2.3	Major crops of India	
2.4	Agro- climatic regions of India	
2.5	Problems associated with Indian agriculture ( Natural, Socio-Economic and Political)	
<b>Unit-III: Green Revolution in India</b>		<b>09 (lectures)</b>
3.1	Introduction of Green Revolution in India	
3.2	Components of Green Revolution	
3.3	Positive impacts of Green Revolution	
3.4	Negative impacts of Green Revolution	
3.5	Need for sustainable agriculture in India	
3.6	Agriculture in drought prone region and watershed management	
<b>Unit-IV: Recent Trends in Agriculture</b>		<b>09 (lectures)</b>
4.1	White revolution and livestock resources,	
4.2	Genetic engineering, tissue culture and horticulture	
4.3	Poly house agriculture	
4.4	Agro processing in India	
4.5	Agro-tourism	
4.6	Agro forestry	
<b>Unit- V</b>		

Practical Component		09 (lectures)
5.1	Interpretation/ question- answer on thematic maps related to agriculture of India ( NATMO and other )	
5.2	Drawing of Statistical Diagrams and Graphs: Simple line graphs, multiple line, simple bar, compound bar and band graph	

### Reference books:-

1. Bansil, B. C. (1975): 'Agricultural Problems of India', Delhi.
2. Bayliss Smith, T.P. (1987) : The Ecology of Agricultural Systems. Cambridge University Press, London .
3. Berry, B.J.L. et. al.(1976) : The Geography of Economic Systems. Prentice Hall, New York.
4. Gregor, H.P.: Geography of Agriculture. Prentice Hall, New York, 1970.
5. Grigg, D. (1984): 'An Introduction to Agricultural Geography', Hutchinson Publication, London
6. Grigg, D.B.(1974) : The Agricultural Systems of the World. Cambridge University Press, New York.
7. Hartshorn, T.N. and Alexander, J.W. (1988): Economic Geography. Prentice Hall, New Delhi.
8. Morgan W.B. and Norton, R.J.C. (1971): Agricultural Geography. Mathuen, London, .
9. Morgan, W. B. and Munton, R. J. C. (1977): 'Agricultural Geography' Methuen, London.
10. Morgan, W.B.(1978): Agriculture in the Third World - A Spatial Analysis. Westview Press, Boulde.
11. Sauer, C. O. (1952): 'Agricultural Origins and Dispersals', American Geographical Journal
12. Sauer, C.O.(1969): Agricultural Origins and Dispersals. M.I.T. Press, Mass, U.S.A.
13. Singh J.(1997): Agricultural Development in South Asia: A Comparative A Study in the Green Revolution Experiences, national Books Organization, New Delhi.
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15. Singh, J. and Dhillon, S.S. (1988), "Agricultural Geography", 2nd edition, Tata McGraw-Hill, NewDelhi
16. Symons, L. (1972): 'Agricultural Geography', Bell and Sons, London
17. Tarrant, J.R.(1974): Agricultural Geography, Problems in Modern Geography Series, John Wiley and Sons.

18. The Hindu ( 2006): Survey of Indian Agriculture 2006. New Delhi.
19. Wigley, G.(1981), Tropical Agriculture: The Development of Production, 4th edition, Arnold, London

**University of Mumbai**  
**Question Paper Pattern**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- IV**  
**Paper-III: Agriculture Geography of India**  
**COURSE CODE: UAGEO401 (2017-18)**

<b>Duration: 3 hours</b>		<b>Marks: 100</b>
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.		
Q. 1	<b>Practical, Unit - V</b>	10 Marks
	5.1	10 Marks
	5.2	10 Marks
Q. 2	Unit-I	20 Marks
<b>OR</b>		
Q.2	Unit-I	20 Marks
Q. 3	Unit-II	20 Marks
<b>OR</b>		
Q. 3	Unit-II	20 Marks
Q. 4	Unit-III	20 Marks
<b>OR</b>		
Q. 4	Unit-III	20 Marks
Q. 5	Unit-IV	20 Marks
<b>OR</b>		
Q. 5	Unit-IV	20 Marks

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**SYBA – MAR – (II)**  
**(To be implemented from 2017-2018)**

**SEM - 3**

द्वितीय वर्ष कला मराठी सत्र तिसरे व चौथे (प्रत्येक सत्रात ३ श्रेयांकने)

द्वितीय वर्ष बी.ए. (मराठी) अभ्यासक्रमपत्रिका क्र. २ च्या अभ्यासक्रमात तिसऱ्या सत्रात 'कादंबरी' या साहित्यप्रकाराचा सैद्धांतिक परिचय व दोन कादंबऱ्या यांचा समावेश आहे. चौथ्या सत्रात 'आत्मकथन' या साहित्यप्रकाराची ठळक वैशिष्ट्ये व दोन आत्मकथने यांचा समावेश करण्यात आलेला आहे. या अभ्यासक्रमाची श्रेयांकन पद्धतीनुसार रचना करण्यात आली आहे. हा अभ्यासक्रम दोन सत्रात विभागला असून नेमलेल्या विशिष्ट तासिकांमधे तो शिकवला जाणे आवश्यक आहे.

सत्र ३ (तिसरे) – एकूण व्याख्याने ४५ – श्रेयांकने - ०३

घटक-१ कादंबरी : एक साहित्यप्रकार - परिचय (१५ तासिका) श्रेयांकन १  
कादंबरी हा कथनात्मक साहित्यप्रकार त्या दृष्टीने त्याच्या घटकांची माहिती कथानक, निवेदन, व्यक्तीरेखा, भाषा, निवेदनाचे प्रकार, व्यक्तीरेखांचे प्रकार, कादंबरीची एकूण संरचना.

घटक - २ 'थँक यू मिस्टर ग्लाड',- कादंबरी – अनिल बवे पॉप्युलर प्रकाशन (१५ तासिका) श्रेयांकन १

घटक - ३ 'दिवे गेलेले दिवस',- कादंबरी – रंगनाथ पठारे, शब्दालय प्रकाशन (१५ तासिका) श्रेयांकन १

सत्र - ४ (चौथे) एकूण व्याख्याने ४५ – श्रेयांकने - ३

घटक १ : 'आत्मकथन' या साहित्यप्रकाराची ठळक वैशिष्ट्ये (१५ तासिका) श्रेयांकन- १

घटक २ : 'मन में है विश्वास'- आत्मकथन – विश्वास नांगरे पाटील, राजहंस प्रकाशन, (१५ तासिका) श्रेयांकन १

घटक ३ : 'जसं घडलं तसं' - आत्मकथन - नीलम माणगावे, शशिकिरण पब्लिकेशन, (१५ तासिका) – श्रेयांकन १

तृतीय सत्रान्त परीक्षा – गुण १००

वरील अभ्यासपत्रिकेचे प्रथम सत्रान्त प्रश्नपत्रिकेचे स्वरूप पुढीलप्रमाणे ठरवण्यात आले आहे.

द्वितीय वर्ष बी. ए. मराठी अभ्यासपद्धतिका क्र. ३

प्रश्न १ – 'कादंबरी' या साहित्यप्रकाराचा सैद्धांतिक परिचय यावर पर्याय देऊन एक प्रश्न – गुण २०.

प्रश्न २ – 'थँक यू मिस्टर ग्लाड' या कादंबरीवर पर्याय देऊन एक प्रश्न – गुण २०.

प्रश्न ३ – 'दिवे गेलेले दिवस' या कादंबरीवर पर्याय देऊन एक प्रश्न – गुण २०.

प्रश्न ४ – प्रत्येक गटातील एकेक टीपा लिहा (अंतर्गत पर्यायांसह) – गुण ३०.

१) आत्मकथनाचा सैद्धांतिक परिचय

२) 'थँक यू मिस्टर ग्लाड'

३) 'दिवे गेलेले दिवस'

प्रश्न ५. - अभ्यासपत्रिकेतील घटक २ व ३ वर आधारित वस्तीनिष्ठ प्रश्न. प्रत्येक घटकावर ४ असे एकूण ८ वस्तुनिष्ठ स्वरूपाचे प्रश्न विचारले जातील, परीक्षार्थींनी त्यापैकी कोणतेही ५ प्रश्न सोडवायचे आहेत. प्रत्येक योग्य उत्तरास २ गुण असे एकूण गुण १०

चतुर्थ सत्रान्त परीक्षा – गुण १००

वरील अभ्यासपत्रिकेचे प्रथम सत्रान्त प्रश्नपत्रिकेचे स्वरूप पुढीलप्रमाणे ठरवण्यात आले आहे.

द्वितीय वर्ष बी. ए. मराठी अभ्यासपद्धतिका क्र. ३

प्रश्न १ – ‘आत्मकथन’ या साहित्यप्रकाराचा सैद्धांतिक परिचय यावर पर्याय देऊन एक प्रश्न – गुण २०.

प्रश्न २ – ‘मनमे में है विश्वास’ या आत्मकथनावर पर्याय देऊन एक प्रश्न – गुण २०.

प्रश्न ३ – ‘जसं घडलं तसं’ या आत्मकथनावर पर्याय देऊन एक प्रश्न – गुण २०.

प्रश्न ४ – प्रत्येक गटातील एकेक टीप लिहा. (अंतर्गत पर्यायांसह) – गुण ३०.

१) आत्मकथनाचा सैद्धांतिक परिचय

२) ‘मनमे में है विश्वास’

३) ‘जसं घडलं तसं’

प्रश्न ५. - अभ्यासपत्रिकेतील घटक २ व ३ वर आधारित वस्तुनिष्ठ प्रश्न. प्रत्येक घटकावर ४ असे एकूण ८ वस्तुनिष्ठ स्वरूपाचे प्रश्न विचारले जातील, परीक्षार्थींनी त्यापैकी कोणतेही ५ प्रश्न सोडवायचे आहेत. प्रत्येक योग्य उत्तरास २ गुण - एकूण गुण १०

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**SYBA – PAPER NO. III**  
**(To be implemented from 2017-2018)**

द्वितीय वर्ष, कला, मराठी अभ्यासपत्रिका क्र. ३

द्वितीय वर्ष, कला (मराठी) अभ्यासपत्रिका क्र. ३ च्या अभ्यासक्रमातील तिसऱ्या व चौथ्या सत्रासाठी एकूण चार नव्या अभ्यासपत्रिका – “३०१ भाषा आणि भाषाभ्यास”, ४०१ “मराठीच्या बोलीचा अभ्यास : आगरी बोली”, ४०२ “मराठीच्या बोलीचा अभ्यास : मालवणी बोली”, ४०३ “मराठीच्या बोलीचा अभ्यास : वाडवळी बोली” नेमण्यात आल्या आहेत. यापैक तिसऱ्या सत्रासाठी अभ्यासपत्रिका क्र. “३०१ भाषा आणि भाषाभ्यास” ही सर्व महाविद्यालयांसाठी अनिवार्य असून, चौथ्या सत्रासाठी तीन पर्यायी स्वरूपाच्या अभ्यासपत्रिका नेमल्या आहेत; या अभ्यासपत्रिकांपैकी कोणतीही एक अभ्यासपत्रिका संबंधित महाविद्यालयाने निवडायची असून आगामी तीन वर्षासाठी संबंधित महाविद्यालयाने विशिष्ट अभ्यासपत्रिकेची केलेली निवड अपरिहार्य राहिल, त्यांना आपल्या निवडीत बदल करता येणार नाही. या अभ्यासक्रमाची श्रेयांकन पद्धतीनुसार रचना करण्यात आली आहे. वरील अभ्यासक्र दोन सत्रांत विभागलेला असून, नेमलेल्या विशिष्ट तासिकांमध्ये तो शिकवला जाणे आवश्यक आहे.

सत्र चारसाठी महाविद्यालयांना ४०१ मराठीच्या बोलीचा अभ्यास : आगरी बोली; ४०२ मराठीच्या बोलीचा अभ्यास: मालवणी बोली किंवा ४०३ मराठीच्या बोलीचा अभ्यास: वाडवळी बोली या चार अभ्यासपत्रिकांपैक कोणत्याही एकाच अभ्यासपत्रिकेची निवड करावी लागेल. संबंधित महाविद्यालयाच्या यापूर्वी निर्धारित व मान्य झालेल्या तासिकांमध्ये कोणत्याही प्रकारची वाढ करता येणार नाही.

सत्र ३, अभ्यासपत्रिका क्र. ३, एकूण व्याख्याने ४५, श्रेयांकने ३

भाषा आणि भाषाभ्यास

घटक १ (अ) मानवी भाषेचे स्वरूप, एकूण व्याख्याने १५, श्रेयांकने १  
संप्रेषण – मानवी आणि मानवेतरांचे, मानवांचे भाषिक व भाषेतर  
संप्रेषण, मानवी भाषेची लक्षणे किंवा स्वरूप विशेष (ध्वन्यात्मकता,  
चिन्हात्मकता, यादृच्छिकता, सर्जनशीलता, प्रत्यक्षातीतता, सामाजिकता,  
परिवर्जनशीलता इ.) मानवी भाषेच्या व्याख्या

(आ) भाषेची विविध कार्ये – रोमान याकबसनचे संप्रेषणाचे नमुनारूप  
व ६ भाषिक कार्ये (निर्देशात्म, आविष्कारात्म, परिणामनिष्ठ, सौंदर्यात्म,  
संपर्कनिष्ठ, अतिभाषात्म)

घटक २ (अ) भाषा, समाज आणि संस्कृती - एकूण व्याख्याने

१५, श्रेयांकने १

भाषा – एक सांस्कृतिक संचित, सांस्कृतिक  
जडणघडणीचे, संक्रमणाचे मध्यम एडवर्ड सपीर-  
बेंजामीन वोर्फ यांचा भाषिक सापेक्षतावादाचा  
अभ्युपगम भाषेकडे पाहण्याचा समाज भाषावैज्ञानिक  
दृष्टीकोन, समाजातील भाषावैविध्य आणि भाषेचा  
बहुजिनसीपणा, भाषिक-सांस्कृतिक विविधता  
परपरसंबंध

(आ) भाषेचा विकास आणि रूढास – संकल्पनाविचार : एकूण  
व्याख्याने १५, श्रेयांकने

जागतिकीकरण आणि भाषिक-सांस्कृतिक विविधता -  
परिणाम, भाषिक धुवीकरणाचे धोके, भाषेच्या 'विकासा'ची  
संकल्पना, भाषेच्या प्रगतीचे निकष किंवा मापदंड, भाषिक -  
रूढासाची संकल्पना, भाषिक -हासाच्या विविध अवस्था किंवा

टप्पे, भाषिक र्हासाची कारणे, भाषानियोजन आणि भाषेचा विकास

घटक ३ (अ) भाषा, प्रमाणभाषा आणि बोली -  
संकल्पना विचार : एकूण व्याख्याने १५, श्रेयांकने  
'प्रमाण भाषा' म्हणजे काय, प्रमाण भाषेची आवश्यकता,  
प्रमाण भाषा व बोली यांच्यातील संबंध, त्यांचे  
वापरक्षेत्र, बोलीवैविध्य- उपबोली, स्थानिक बोली-  
प्रादेशिक बोली- जातीनिष्ठ बोली-सामाजिक बोली इ.,  
बोलीविषयीचे गैरसमज (शुद्धाशुद्धता, श्रेष्ठकनिष्ठता,  
अंगभूत क्षमता इ.) व तथ्ये, मराठीच्या विविध बोली  
(आ) बोलींच्या अभ्यासाची गरज व महत्त्व

बोलीविज्ञान (Dialectology), बोलींच्या अभ्यासाची  
दिशा – बोलींचा विज्ञानात्मक अभ्यास, द्सांमाजिक-  
सांस्कृतिक अभ्यास, बोलींच्या अभ्यासाची साधने,  
क्षेत्रीय कार्य (Field Work), बोलींची व्याकरणे व  
कोशरचना यांचे महत्त्व, बोलींसमोरील आव्हाने व त्यांचे  
जतन व संवर्धन यांसाठी करावयाच्या प्रयत्नांची दिशा

तृतीय संत्रांत परीक्षेचे स्वरूप

प्रश्न . १ घटक १ वर अंतर्गत पर्यायांसह एक (गुण २०)

प्रश्न . २ घटक २ वर अंतर्गत पर्यायांसह एक (गुण २०)

प्रश्न . ३ घटक ३ वर अंतर्गत पर्यायांसह एक (गुण २०)

प्रश्न . ४ घटक १, २ व ३ यावर अंतर्गत पर्यायांसह तीन  
टिपा. (गुण २०)

प्रश्न . ५ घटक १, २ व ३ यावर वस्तुनिष्ठ स्वरूपाचे ९ पैकी  
कोणतेही ५ प्रश्न सोडवणे. (गुण १०)

SEM - 4 (UAMAR 401)

सत्र - ४ (चौथे) एकूण व्याख्याने ४५, श्रेयांकने ३

द्वितीय वर्ष बी.ए. मराठी अभ्यासपत्रिका क्र. 401 : मराठीच्या बोलींचा अभ्यास : आगरी बोली

घटक १ एकूण व्याख्याने १५, श्रेयांकने १

अ) आगरी बोलीची वैशिष्ट्ये - व्युत्पत्ती आणि विकास, व्याकरणिक वैशिष्ट्ये, उच्चारप्रक्रिया-म्हणी, वाक्प्रचार, शदसंग्रह इ.

आ) आगरी लोकसंस्कृती, आगरी बोलीचे प्रभाव क्षेत्र, आगरी साहित्याचा इतिहास

घटक २ एकूण व्याख्याने १५, श्रेयांकने १

आगरी बोलीतील निवडक कवितांचा अभ्यास: १) सारेबाराचा पलाट, मायच्य सुरक्याची गोदरी - प्रा. एल्. बी. पाटील, २) आगरी-कोळी, आय-चंद्रकांत मढवी, ३) आबचा आगोर - डॉ. संजीव म्हात्रे, ४) मीठ, नवी मुंबई - रामनाथ म्हात्रे, ५) इनकूरी, आमी जातीच हाव आगरी - पुंडिलक म्हात्रे, ६) जमिनीचा तुकरा - म. वा. म्हात्रे, ७) बंदर, खोपट- मुकेश कांबळे, ८) आलं कंपनीवालं आलं सौ. सुनंदा मोडखरकर, ९) पायंडा- सौ. शोभना रामकृष्ण पाटील, १०) एस्. ई. झेड नवरा - गणपत म्हात्रे, ११) खलाटी - अविनाश पाटील, १२) दिसीला गाव सारा धावला - दिनानाथ वेदू पाटील, १३) आमचेकरं आता परकल्प आयलंय - विश्वास ठाकूर, नेरुळ, १४) भाकरी, शून्य- सौ. दमयंती भोईर

घटक ३ एकूण व्याख्याने १५, श्रेयांकने १

आगरी बोलीतील निवडक कथांचा अभ्यास : १) साकव - परेन जांभळे, २) मौल- शंकर सखाराम, ३) म्हारत्याचा तेरावा - मोहन भोईर, ४) बेमट्याचा बेरा - चंद्रकांत पाटील, ५)

हरिभाऊ घरत - भगताचा उत्तरा ६) वादळ - सौ. वासंती  
ठाकूर, ७) निवरणुका - ए. डी. पाटील, ८) जोल - अविनाश  
पाटील, ९) जाण - गजानन म्हात्रे, १०) शालन जावाचा हाय -  
प्रा. जयवंत पाटील

चतुर्थ सत्रांत परीक्षेचे स्वरूप

प्रश्न . १ घटक १ वर अंतर्गत पर्यायांसह एक (गुण २०)

प्रश्न . २ घटक २ वर अंतर्गत पर्यायांसह एक (गुण २०)

प्रश्न . ३ घटक ३ वर अंतर्गत पर्यायांसह एक (गुण २०)

प्रश्न . ४ घटक १, २ व ३ यावर अंतर्गत पर्यायांसह तीन  
टिपा. (गुण २०)

प्रश्न . ५ घटक १, २ व ३ यावर वस्तुनिष्ठ स्वरूपाचे ९ पैकी  
कोणतेही ५ प्रश्न सोडवणे. (गुण १०)

संदर्भ ग्रंथ : १) भारतीय भाषांचे लोकसर्वेक्षण : सर्वेक्षण  
मालिका मुख्य संपादक - डॉ. गणेश देवी, महाराष्ट्र खंड  
संपादन : अरुण जाखडी, पद्मगंधा प्रकाशन, २०१३

AC / /2017

Item no.

# **UNIVERSITY OF MUMBAI**



**Revised Syllabus for Sem III and Sem IV**

**Program: B. A.**

**Course: History and Archaeology**

(Choice Based Credit System with effect from the Academic year 2017-2018)

**SYBA – History Paper-II**  
**Landmarks in World History, 1300 A.D.-1945 A.D.**

**SEMESTER-III**

**Objectives:** To enable the students to comprehend the transition of Europe from medieval to modern times and its impact on the world. To provide accurate knowledge of the most significant events and personalities of the period under study and encourage understanding of the making of the modern world

**Module I: The Modern Age**

- (a) Renaissance
- (b) Geographical Discoveries
- (c) Reformation

**Module II: Age of Revolutions**

- (a) American Revolution
- (b) French Revolution
- (c) Industrial Revolution

**Module III: Nationalism and Imperialism**

- (a) Formation of Nation-States in Europe
- (b) Nationalist Movements in Italy and Germany
- (c) Imperialist Expansion in Asia

**Module IV: World in Transition (1914-1919)**

- (a) World War I
- (b) Russian Revolution
- (c) League of Nations

## **SEMESTER-IV**

### **Module I: Inter War Period**

- (a) Kemal Pasha and Modernization of Turkey
- (b) Reza Shah and Reforms in Iran
- (c) Birth of Israel

### **Module II: Rise of Dictatorships**

- (a) Fascism
- (b) Nazism
- (c) Militarism in Japan

### **Module III: World War II and Efforts for Peace**

- (a) World War II
- (b) The Atlantic Charter
- (c) United Nations Organization.

### **Module IV: Nationalist Movements in Asia**

- (a) Dr. Sun-Yat-Sen and China
- (b) Mahatma Gandhi and India
- (c) Dr. Sukarno and Indonesia

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### English Books

- Benns F.L. *European History since 1870*, Appleton Century Gofis, New York, 1950.
- Carrie Albercht R.A., *Diplomatic History of European since the Congress of Vienna*, Harper, New York, 1958.
- Chatterjee N.C. *History of Modern Middle East*, Abhinav Publication, New Delhi, 1987.
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- David M.D., *Landmarks in World History*, Himalaya Publishing House, Mumbai, 1999.
- David M.D *Rise and Growth of Modern Japan*- Himalaya Publications House, Mumbai 1999.
- Fay S.B. *Origins of the World War 1914*, New York- Second Ed. New York Free Press 1999
- Grant and Temperley: *Europe in 19<sup>th</sup> & 20<sup>th</sup> Centuries* 1940. 5<sup>th</sup> Ed. Longman New York 2005.
- Hayes C.J.H. *Contemporary Europe since 1870-1955*, Macmillan, New York.
- Hsu Immanuel C.Y. *The Rise of Modern China* OUP, New York 1975.
- Kennedy MA, *A Short History of Japan* North American Library Press 1965.
- Kirk S.E. *A Short History of the Middle East*. New York 1959.
- Lewis Bernard. *The Emergence of Modern Turkey*, Oxford University, London.
- Lipson E. *Europe in the 19<sup>th</sup> 20<sup>th</sup> Centuries* – 1916 A.H.Black, London.
- Lipton Joseph M. *The History of Modern Iran: An Interpret ion*, Harvard University Press 1975.
- Lowe Norman, *Mastering Modern World History* -4<sup>th</sup> Ed. Palgrane Macmillan 2005..
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- Taylor A. J.P. *The struggle for Mastery in Europe (1848-1918)* , Oxford 1954.
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### Marathi Books:

- Jain Hukumchand and Krishna Mathur, *Adhunik Jagacha Itihas*, K Sagar Publication ,Pune 2006.
- Kadam, Y.N. *Visavnya Shatkalin Jagacha Itihas*, Phadke Prakashan, Kolhapur, 2005.

Kulkarni A.R. and Deshpande, *Adhunik Jagachaltihas*, Vol. I and II, Snehvardhan Publishing House, Pune, 1996.

SakureVijayaand Anil Kathare, *JagtikihtihasatilStithantre*, ChinmeyPrakasan, Aurangabad, 2011.

Udgaokar M. N. and Ganesh Raut, *Adhunik Jag*, Diamond Publication, Pune 2008.

VaidyaSuman and ShantaKothekar, *Adhunik Jag*, Vol. I and II, ShriSainathPrakashan, Nagpur 2000.

**SYBA History- Paper- III**  
**Ancient India from Earliest Times to 1000 A.D.**

**SEMESTER-III**

Objectives: To acquaint the students with different sources of Ancient Indian History. To enable the students to understand the political, socio-economic and cultural developments in the period under study and appreciate the rich cultural heritage in India

**Module I: Sources of Ancient India and their Importance**

- (a) Archaeological
- (b) Literary
- (c) Foreign Travellers

**Module II: Indus Valley Civilization**

- (a) Social and Economic Life
- (b) Religious Life
- (c) Town Planning and Decline of the Civilization

**Module III: Vedic Age**

- (a) Janapada
- (b) Social and Economic Life
- (c) Religion

**Module IV: India after 6<sup>th</sup> Century B.C.**

- (a) Administration of Mahajanapadas
- (b) Jainism and Buddhism
- (c) Persian and Greek Invasions

## **SEMESTER-IV**

### **Module I: Mauryan and Post- Mauryan Period (322 B.C. to 320 A.D.)**

- (a) Chandragupta and Ashoka
- (b) Mauryan Administration
- (c) Post Mauryan Dynasties- Sungas, Kushanas and Satavahanas

### **Module II: Gupta Age (320 A.D. to 600 A.D.)**

- (a) Imperial Expansion: Chandragupta I, Samudragupta and Chandragupta II
- (b) Administration
- (c) Classical Age

### **Module III: Post Gupta Period (600 A.D. to 1000 A.D.)**

- (a) The Age of Harshavardhan
- (b) The Rise of Rajputs
- (c) Arab Invasion of Sind

### **Module IV: Major Dynasties of Deccan and South India**

- (a) Chalukyas of Badami and Rashtrakutas
- (b) Pallavas and Cholas
- (c) Spread of Indian Culture in South-East Asia

## References:

### English Books

- Agarwal D.P., *The Archaeology of India*, (Delhi Select Book Services) Syndicate, 1984.
- Allichin -B-Zidget and F. Raymond, *Origin of a Civilization – The History and early Archaeology of South Asia*, (Delhi Oxford and IBH), 1994.
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- Chakravarty, K.C., *Ancient Indian Culture and Civilization*, Vora and Company, Bombay, 1952.
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- Mukherjee, B.N., *Rise and Fall of the Kushan Empire*, (Kolkata Firma, KLM), 1988.
- Nandi R.N., *Social Roots of Religion in Ancient India*, (Kolkata K.B. Bagchi), 1986.
- Nilkantha Shastri, *A History of South India*, Madras, 1979.
- Pannikar K.M., *Harsha and His Times*, D.B. Taraporewalla Sons and Co. Bombay, 1922.
- Pargitar, F.E., *Ancient Indian Historical Tradition*, Motilal Banarsidas Publishers Pvt. Ltd. New Delhi, 1962.
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- Thapar Romila, *Ashoka and decline Mauryas*, Oxford University Press, London, 1961.
- Tripathi R.S. *History of Ancient India-* Motilal, Banarasidas- Varanasi- 198

#### Marathi Books:

- Gayedhani R.N. and Rahrurkar, *PrachinBharatachaItihas*, Continental Prakashan, Pune.
- Joshi, P.G., *PrachinBharatachaSanskritikItihas*, VidhyaPrakashan, Pune.
- KhabdeDinkar, *Prachin Bharat*, KailashPrakashan, Aurangabad.
- Kosambi, D.D., *PrachinBharatiyeSanskritibhaSabhyata*, Diomond Pub, Pune, 2006.
- Kulkarni, A.R., *Prachin Bharat*, SnehvardhanPrakashan, Pune.
- Morbanchikar, R.S., *Sathvahanakalin Maharashtra*, KailashPrakashan, Aurangabad.
- Singre, Anil, *DakshinBharatachaItihas*, KailashPrakashan, Aurangabad.

B.A. HISTORY

Question Paper Pattern for S.Y.B.A. History

Semester III and Semester IV

**As per University rules and guidelines**

# University of Mumbai



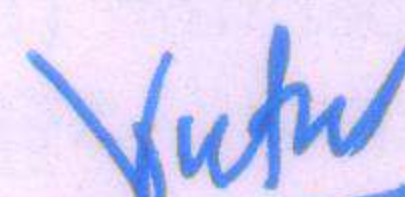
No. UG/125 of 2019-20

## CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to syllabus uploaded by Academic Authority Unit which was accepted by the Academic Council at its meeting held on 19<sup>th</sup> March, 2012 vide item No. 4.5 relating to the revised syllabus as per the (CBSGS) for the S.Y.B.A. Programme – B.A. Course – Economics Paper – II & III (Semester – III & IV).

They are hereby informed that the recommendations made by the Board of Studies in Economics at its meeting held on 07<sup>th</sup> June, 2019 have been accepted by the Academic Council at its meeting held on 26<sup>th</sup> July, 2019 vide item No.4.25 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A. (Sem. III) Macro Economics – I in Economics has been brought into force with effect from the academic year 2020-21, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032  
26<sup>th</sup> September, 2019

  
(Dr. Vinod P. Patil)  
I/c REGISTRAR

To

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/4.25/26/07/2019

No. UG/125-A of 2019-20

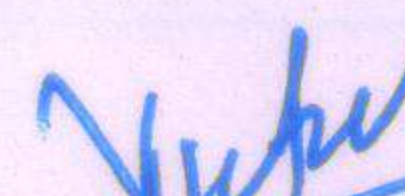
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MUMBAI-400 032

26<sup>th</sup> September, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Economics,
- 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. Vinod P. Patil)  
I/c REGISTRAR

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

Sr. No.	Heading	Particulars
1	Title of the Course	<b>S.Y.B.A. Semester- III Economics- Paper- III Macroeconomics – I</b>
2	Eligibility for Admission	HSC (Science)
3	Passing Marks	40 Percentage (Pass Class)
4	Ordinances / Regulations ( if any)	-
5	No. of Years / Semesters	2 Semesters
6	Level	U.G
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year: 2020-21

Date:

Signature :

Chairman/ Chairperson :

Dean Faculty of Humanities :

# UNIVERSITY OF MUMBAI



## **Revised Syllabus for the S.Y.B.A. (Sem III)** **Paper III** **Macro Economics – I**

### **Course: Economics**

(As Per Choice Based Credit System with effect from the  
academic year 2020-21)

## **Macro Economics - I**

### **S.Y.B.A. Semester – III Paper III (Academic Year: 2020 - 21)**

**Preamble:** This course is designed to provide an introduction to the students about the basic building blocks of Macro Economics which will serve as a foundation throughout their career.

#### **Module – I: Introduction to Macro Economics and National Income (12 Lectures)**

Introduction: Meaning and Scope of Macro Economics; Concepts of National Income: GNP, NNP, NDP, Per Capita Income, Personal Income and Disposal Income; Methods and Difficulties in Measurement of National Income; Circular Flow of National Income: Closed Economy (Two and Three Sector) and Open Economy Models (Four Sector Model)

#### **Module – II: Consumption and Investment (12 Lectures)**

Consumption and Investment; Says Law of Market; Theory of Effective Demand; Consumption Function; Investment Function; Marginal Efficiency of Capital and Rate of Interest- Investment Multiplier

#### **Module – III: Supply of Money and Demand for Money (12 Lectures)**

Supply of Money; Determinants of Money Supply; Velocity of Circulation of Money; RBI's Approach to Measurement of Money Supply; Demand for Money: Classical, Keynesian and Friedman's Approaches

#### **Module – IV: Banking (12 Lectures)**

Banking: Commercial Bank, Functions of Commercial Banks, Multiple Credit Creation, Balance Sheet of Commercial Bank; Development in Commercial Banking Sector Since 1990-91; Central Bank: Functions of Central Bank - Traditional, Developmental, Promotional

#### **Reference**

- 1) N. Gregory Mankiw, (2015), Principle of Macroeconomics, 7th edition, Cengage Learning.
- 2) Abel A. B. B. S. Beranake and D. Croushore (2011), Macroeconomics, Pearson, New Delhi.
- 3) Ahuja H. L., (2008), Macroeconomics theory and Policy, S. Chand and company Ltd. New Delhi.
- 4) Dwivedi D.N., (2007), Macroeconomics theory and Policy, TATA Mcgraw - Hill Publication company Ltd. Delhi.
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- 6) Paul Samuelson and William Nordhaus, (2010), Economics, Mcgraw Hill Publication.

# University of Mumbai



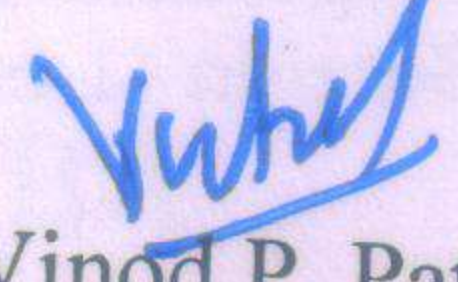
No. UG/ 126 of 2019-20

## CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Science & Technology, Humanities Faculties is invited to this office Circular No. UG/258 of 2011, dated 18<sup>th</sup> August, 2011 relating to the revised syllabus as per the (CBSGS) for First Year of B.Sc. programme and for Second Year of S.Y.B.A. programme in Economics (paper II).

They are hereby informed that the recommendations made by the Board of Studies in Economics at its meeting held on 7<sup>th</sup> June, 2019 have been accepted by the Academic Council at its meeting held on 26<sup>th</sup> July, 2019 vide item No.4.26 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A. (Sem. III) Public Finance – Paper IV in Economics has been brought into force with effect from the academic year 2020-21, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032  
26<sup>th</sup> September, 2019

  
(Dr. Vinod P. Patil)  
I/c REGISTRAR

To

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/4.26/26/07/2019

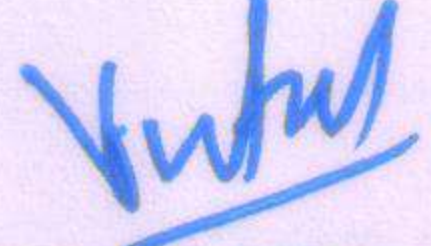
No. UG/ 126 -A of 2019-20

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MUMBAI-400 032

26<sup>th</sup> September, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Economics,
- 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. Vinod P. Patil)  
I/c REGISTRAR

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

Sr. No.	Heading	Particulars
1	Title of the Course	<b>S.Y.B.A. Semester- III Economics- Paper- III Macroeconomics – I</b>
2	Eligibility for Admission	HSC (Science)
3	Passing Marks	40 Percentage (Pass Class)
4	Ordinances / Regulations ( if any)	-
5	No. of Years / Semesters	2 Semesters
6	Level	U.G
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year: 2020-21

Date:

Signature :

Chairman/ Chairperson :

Dean Faculty of Humanities :

# UNIVERSITY OF MUMBAI



## **Revised Syllabus for the S.Y.B.A. (Sem III) Paper IV**

### **Public Finance**

### **Course: Economics**

(As Per Choice Based Credit System with effect from the  
academic year 2020-21)

**SYBA - SEMESTER III**  
**Economics – Paper IV**  
**Public Finance**

**Preamble**

Public Finance is the study of government policy from the point of economic efficiency and equity. The role and functions of the government have been changing throughout time. The existence of externalities, acceleration of economic growth, raising the level of employment, the need and concern for adjustment in the distribution of income and wealth etc. require the use of package of policies which require tax systems, expenditure programmes, rising of debt, issues of deficit etc. This paper deals with basic concepts which explain the need for government intervention. It exposes the student to public budget through issues of taxation, expenditure, debt and concepts of deficit. The last Unit is related to topics concerning Indian Public Finance.

**Unit – I Introduction (12 Lectures)**

Meaning and Scope of Public Finance; Public Finance versus Private Finance; Market Failure: Public Goods and Private Goods, Externalities, Efficiency versus Equity; Principles of Sound Finance and Functional Finance; Allocation, Distribution, Stabilisation and Growth Functions of the Government

**Unit - II Fiscal Policy: Budget and Taxation (12 Lectures)**

Dalton's and Musgrave Versions of the Law of Maximum Social Advantage; Role of Government in a Modern Economy; Types of Public Budget; Structure of Public Budget; Role of Taxation; Merits and Demerits of Direct and Indirect Tax Policy; Features of Good Tax System; Concept of Impact, Incidence and Shifting of Taxation; Elasticity and Determination of Tax Burden

**Unit III Fiscal Policy: Public Expenditure and Debt (12 Lectures)**

Canons of Public Expenditure; Classification of Public Expenditure; Wagner's Law of Public Expenditure; Public Expenditure as an Instrument of Fiscal Policy; Meaning and Types of Public Debt; Burden of Public Debt; Principles of Public Debt Management; Concepts of Deficits

**Unit IV Indian Public Finance (12 Lectures)**

Budget of The Government of India (Previous Financial Year); Sources of Public Receipts (Tax And Non-Tax, Introduction To GST); Components of Public Expenditure; Sources of Public Borrowing and Debt Liabilities; Deficits; Appraisal of FRBM Act 2004; Fiscal Federalism: Fourteenth Finance Commission Recommendations

**References:**

1. J. Hindriks, G. Myles, (2006), Intermediate Public Economics, MIT Press.
2. Harvey Rosen, (2005), Public Finance, Seventh Edition, McGraw Hill Publications.

3. KaushikBasu and Maertens (ed), (2013), The New Oxford Companion to Economics in India, Oxford University Press.
4. Sury M.M., (1990), Government Budgeting in India, Commonwealth Publishers.
5. Bhatia H.L., (2012), Public Finance, Vikas Publications.
6. Report of the Fourteenth Finance Commission, Government of India.

# University of



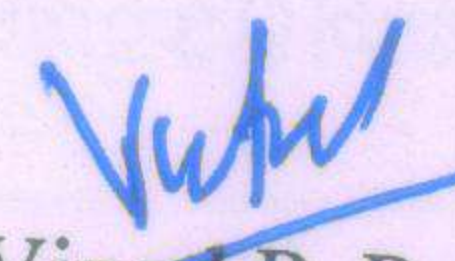
No. UG/127 of 2019-20

## CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to syllabus uploaded by Academic Authority Unit which was accepted by the Academic Council at its meeting held on 19<sup>th</sup> March, 2012 vide item No. 4.5 relating to the revised syllabus as per (CBSGS) for the S.Y.B.A. Programme – B.A. Course – Economics Paper – II & III (Semester – III & IV).

They are hereby informed that the recommendations made by the Board of Studies in Economics at its meeting held on 07<sup>th</sup> June, 2019 have been accepted by the Academic Council at its meeting held on 26<sup>th</sup> July, 2019 vide item No.4.27 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A. (Sem. -IV) Macro Economics - II in Economics has been brought into force with effect from the academic year 2020-21, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032  
26<sup>th</sup> September, 2019

  
(Dr. Vinod P. Patil)  
I/c REGISTRAR

To

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/4.27/26/07/2019

No. UG/127-A of 2019-20

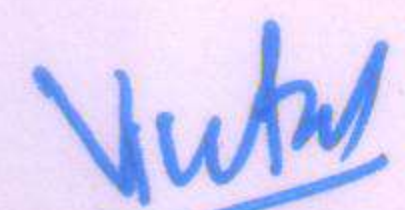
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MUMBAI-400 032

26<sup>th</sup> September, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Economics,
- 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. Vinod P. Patil)  
I/c REGISTRAR

# UNIVERSITY OF MUMBAI



## Syllabus for Approval

Sr. No.	Heading	Particulars
1	Title of the Course	S.Y.B.A. Semester- IV Economics- Paper- V Macroeconomics – II
2	Eligibility for Admission	HSC (Science)
3	Passing Marks	40 Percentage (Pass Class)
4	Ordinances / Regulations ( if any)	-
5	No. of Years / Semesters	2 Semesters
6	Level	U.G
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year: 2020-21

Date: \_\_\_\_\_

Signature : \_\_\_\_\_

Chairman/ Chairperson : \_\_\_\_\_

Dean Faculty of Humanities : \_\_\_\_\_

AC- 26/07/2019

Item No.- 4.27

# UNIVERSITY OF MUMBAI



## **Revised Syllabus for the S.Y.B.A. (Sem IV) Paper V**

### **Macro Economics – II**

### **Course: Economics**

(As Per Choice Based Credit System with effect from the academic  
year 2020-21)

## **Macro Economics - II**

### **S.Y.B.A. Semester – IV Paper V (Academic Year: 2020 - 21)**

**Preamble:** This course is designed to make students aware of macroeconomic terminologies and make them familiar with macroeconomic terms and concepts in order to understand economics at aggregate level. It also aims to make the students aware about recent developments in macroeconomic literature.

#### **Module - I: Inflation (12 Lectures)**

The Economics of Depression, Hyper Inflation; Inflation: Features and Causes, Demand Pull Inflation and Cost Push Inflation, Effects of Inflation; Nature of Inflation in Developing Economy; Phillips Curve; Stagflation: Meaning, Causes and Consequences

#### **Module – II: Economic Policy (12 Lectures)**

Monetary Policy: Objectives, Instruments, Limitations, Role of Monetary Policy in Developing Economies; Fiscal Policy - Objectives, Instruments, Limitations and Role of Fiscal Policy in Developing Economies

#### **Module – III: Post Keynesian Economics (12 Lectures)**

The IS-LM Model of Integration of Commodity and Money Market; IS Curve: Derivation of IS Curve, Shift in IS Curve, Equilibrium in Goods Market; LM Curve: Derivation of LM Curve, Shift in LM Curve, Equilibrium in Money Market; Simultaneous Equilibrium in Goods and Money Market

#### **Module – IV: External Sector (12 Lectures)**

Balance of Payment: Structure, Disequilibrium in Balance of Payment, Types, Causes and Measures to Correct Balance of Payment Disequilibrium; Foreign Exchange Market: Determination of Exchange Rate: Fixed and Flexible Exchange Rate; Spot and Forward Exchange Rate; Exchange Rate Policy

#### **Reference**

- 1 Richard Froyan, (2012), Macroeconomics: Theories and policies, Pearson Education.
- 2 Eroll D'Souza, (2008), Macroeconomics, Pearson Education.
- 3 Suman Kalyan Chakravarty, (2010), Macroeconomics, Himalaya Publishing House.
- 4 N. Gregory Mankiw, (2015), Principle of Macroeconomics Cengage Learning.
- 5 Francis Cherunilam, (1999), International Economics, Tata McGraw-Hill.
- 6 Bo Soderstein, (1994), International Economics, Palgrave Macmillan.

# University of Mumbai



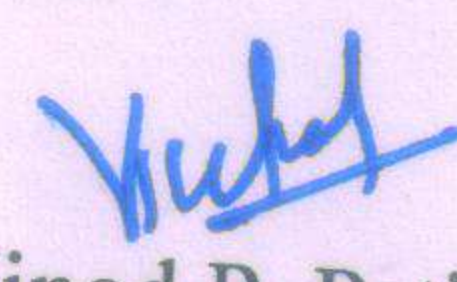
No. UG/128 of 2019-20

## 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/40 of 2012-13, dated 25<sup>th</sup> June, 2012 relating to the revised syllabus as per the (CBSGS) of Paper II & III in Semester III & Semester IV of B.A. programme in the course of Economics.

They are hereby informed that the recommendations made by the Board of Studies in Economics at its meeting held on 7<sup>th</sup> June, 2019 have been accepted by the Academic Council at its meeting held on 26<sup>th</sup> July, 2019 vide item No.4.28 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A. (Sem. IV) Indian Economy – Paper VI in Economics has been brought into force with effect from the academic year 2020-21, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032  
26<sup>th</sup> September, 2019

  
(Dr. Vinod P. Patil)  
I/c REGISTRAR

To

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/4.28/26/07/2019

No. UG/128 -A of 2019-20

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MUMBAI-400 032

26<sup>th</sup> September, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Economics,
- 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. Vinod P. Patil)  
I/c REGISTRAR

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

Sr. No.	Heading	Particulars
1	Title of the Course	<b>S.Y.B.A. Semester IV Economics- Paper VI Indian Economy</b>
2	Eligibility for Admission	<b>FYBA</b>
3	Passing Marks	<b>40</b>
4	Ordinances / Regulations ( if any)	
5	No. of Years / Semesters	<b>2 Semesters</b>
6	Level	<b>U.G</b>
7	Pattern	<b>Semester</b>
8	Status	<b>Revised</b>
9	To be implemented from Academic Year	<b>From Academic Year 2020-21</b>

Date:

Signature :

Chairman/ Chairperson :

Dean Faculty of Humanities :

AC- 26/07/2019

Item No.- 4.28

# UNIVERSITY OF MUMBAI



## **Revised Syllabus for the S.Y.B.A. (Sem IV) Paper VI**

### **Indian Economy**

### **Course: Economics**

(As Per Choice Based Credit System with effect from the  
academic year 2020-21)

**Economics**  
**S.Y.B.A. Semester IV**  
**Paper VI**  
**Indian Economy**

**Preamble**

This paper deals with the nature and sector wise composition of Indian economy. The learners shall be able to understand the problems and prospects of Indian Economy. The content has also intended to orient the learners about the recent developments in the economy.

**Module- I: Introduction (12 Lectures)**

Trends in India's National Income and PCI Since 1990; Structural Changes In Indian Economy; Brief Overview of the Employment Generation and Poverty Alleviation Programmes; Regional Inequalities; Measures to Reduce Regional Inequalities in India

**Module - II: Agricultural Sector (12 Lectures)**

Role of Agriculture in Economic Development; Causes of Low Productivity; Agricultural Inputs; Agricultural Price Policy: Recent Minimum Support Price Policy; Income Support for Farmers; Sources of Agricultural Finance; Micro Finance; NABARD: Role and Function; Agricultural Marketing: Structure and Problems; National Policy for Farmers, 2007; Organic Farming Policy; Food Security in India

**Module -III: Industrial Sector (12 Lectures)**

Infrastructure for Industrial Development; Industrial Policies in India; Industrial Policy of 1991; Micro, Small and Medium Enterprises (MSMEs): Classification, Role and Policy Measures; Growth of Large Scale Industries and Economic Development; Recent Policies and Programs for Industrial Development: Start Up India, Make in India, Skill India; Role and Trends of FDI in Industrial Sector Development

**Module -IV: Service Sector (12 Lectures)**

Role of Service Sector in Indian Economy; Growth and Performance of Healthcare; Performance of Trade and Tourism, Information Technology and IT - Enabled Services; Research and Development Services With Reference to Education and Skill Development in Employment Generation in India; Performance of Service Sector during XII<sup>th</sup> Five Year Plan

**Reference**

- 1) Ashwini Mahajan, Gaurav Datt, (2018) 'Indian Economy', S. Chand and Company, New Delhi.
- 2) Brahmananda, P.R. and V.R. Panchmukhi (Eds.), (2001), 'Development Experience in the Indian Economy: Inter-State Perspectives', Bookwell, New Delhi.
- 3) Datt, Ruddra and K.P.M, Sundaram, (2017), 'Indian Economy', S. Chand & Company Ltd., New Delhi.
- 4) Misra, S. K. and V. K. Puri, (2018) 'Indian Economy', Himalaya Publishing House, Mumbai.

- 5) Gaurav Datt and Ashwani Mahajan, (2016) 'Indian Economy', S Chand Publishing House, New Delhi.
- 6) Uma Kapila, (2018), 'Indian Economy: Performance and Policies, 2018-19', Academic Foundation, New Delhi.

**SYBA**  
**PAPER II- POLITICAL THEORY**  
**Semester-III**

**SEMESTER III- PRINCIPLES AND CONCEPTS OF POLITICAL THEORY**

**Module 1 - Introduction to Political Theory** **[11 lectures]**

- 1.1 Definition and Scope of Political Theory
- 1.2 Approaches to the Study of Political Theory: Traditional
- 1.3 Approaches to the Study of Political Theory: Contemporary

**Module 2 – State, Civil Society & Market** **[12 Lectures]**

- 2.1 State: Concept and Perspectives
- 2.2 Nation - State: Meaning and Changing Perceptions
- 2.3 State, Civil Society and Market

**Module 3 – Power, Authority and Legitimacy** **[10 Lectures]**

- 3.1 Power
- 3.2 Authority
- 3.3 Legitimacy

**Module 4 : Concept of Law and Political Obligation** **[12 Lectures]**

- 4.1 Concept of Law
- 4.2 Political Obligation
- 4.3 Right to Resist

## **SEMESTER IV- POLITICAL VALUES AND IDEOLOGIES**

### **Module1 – Rights**

**[ 10 Lectures ]**

- 1.1 Meaning and Nature of Rights
- 1.2 Theories of Rights
- 1.3 Classification of Rights

### **Module 2 – Basic Political Values**

**[12 Lectures]**

- 2.1 Liberty
- 2.2 Equality
- 2.3 Justice

### **Module 3 – Democracy**

**[11 Lectures]**

- 3.1 Theories of Democracy
- 3.2 Principles of Liberal Democracy
- 3.3 Conditions for the Successful Working of Democracy

### **Module 4 – Political Ideologies**

**[12 Lectures ]**

- 4.1 Marxism
- 4.2 Fascism
- 4.3 Feminism

## **REFERENCES**

- Abbas, Hoveyda and Ranjay Kumar, *Political Theory*, Pearson, 2012
- Bhargava, Rajeev and Ashok Acharya (eds), *Political Theory: An Introduction*, Pearson Longman, 2008
- Bhargava, Rajeev and Helmut Reifeld (eds), *Civil Society, Public Sphere, and Citizenship: Dialogues and Perception*, Sage Publications, New Delhi, 2005
- Chandhoke, Neera, *State and Civil Society: Explanations in Political Theory*, Sage Publications, New Delhi, 1995
- Gaubha, O.P., *An Introduction to Political Theory*, Macmillan Publishers India Ltd., 2011

Heywood, Andrew, *Politics*, Palgrave Foundations, New York, 2002  
Hoffman, John and Paul Graham, *Introduction to Political Ideology*, Pearson, 2006  
Marsh David and Gerry Stoker (ed), *Theory and Methods in Political Science*,  
Macmillan Press Ltd, 1995  
Mckinnon, Catriona (ed), *Issues in Political Theory*, New York Oxford University  
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Verma, S.P., *Modern Political Theory*, MacMillan, New Delhi, 2003.

### **Online reference**

[cornell.edu/cphp](http://cornell.edu/cphp)

[journal.sagepub.com/home/ptx](http://journal.sagepub.com/home/ptx)

### **Reference Books in Marathi**

1. Translation of O.P. Gauba's Book, An introduction to Political Theory in Marathi by Jadhav T, *Rajaneetishastra Parichay*, K. Sagar Publications, Pune, 2015.
2. Bhargav Rajeev and Acharya Ashok (eds), *Rajakiya Siddhanth Parichay*, Pearson, New Delhi, 2008.
3. Tijare, Peshwe, *Adhunik Rajakiya Siddhanth*, Shri Mangesh Prakashan, Nagpur, 1998.
4. Phad, S.B., *Uchhatar Adhunik Rajakiya Siddhanth*, Vidya Books Publishers, Aurangabad, 2014.
5. Deshpande, Shrikant., *Rajakiya Siddhanth*, Shri Mangesh Prakashan, Nagpur, 2003.
6. Chopade, K., *Rajakiya Siddhanthachi Tatve*, Vidya Books Publishers, Aurangabad, 2002.

**SYBA**  
**PAPER II- POLITICAL THEORY**

**EXPLANATORY NOTE**

**Semester III- Principles and Concepts of Political Theory**

<b>Module 1 - Introduction to Political Theory</b>	<b>Explanatory Notes</b>
1.1 Definition and Scope of Political Theory	What is Politics? Theorising the 'Political' Definitions of Political Theory Nature and Scope of Political Theory Significance of Political Theory
1.2 Approaches to the Study of Political Theory: Traditional	Historical Normative Legal-Institutional
1.3 Approaches to the Study of Political Theory: Contemporary	Empirical Approach Behavioural Approach Post-behavioural Approach
<b>Module 2 – State, Civil Society &amp; Market</b>	
2.1 State: Concept and Perspectives	Theories of Origin of State: Divine Origin theory, Force Theory, Theory of Social Contract, Evolutionary Theory Perspectives of State: Liberal- Individualistic, Welfare
2.2 Nation - State: Meaning and Changing Perceptions	Concept of Nation- State Rise and Growth of Modern Nation- State Challenges to Sovereignty of Nation- States
2.3 State, Civil Society and Market	Concept of Civil Society Emergence of Civil Society Changing Nature of State ,Civil Society and Market
<b>Module 3 – Power, Authority and Legitimacy</b>	
3.1 Power	Concept, Sources and Forms of Power

3.2 Authority	Definitions, Sources and Types of Authority
3.3 Legitimacy	Meaning, Sources and Types of Legitimacy Weberian Classification
<b>Module 4 : Concept of Law and Political Obligation</b>	
4.1 Concept of Law	Meaning, Features and Sources
4.2 Political Obligation	Meaning and Grounds of Political Obligation
4.3 Right to Resist	Liberal and Radical Arguments (with reference to John Locke, T.H. Green and Harold J. Laski) Forms of Resistance Gandhian Techniques of Resistance to Authority

#### Semester IV- Political Values and Ideologies

<b>Module1 – Rights</b>	<b>Explanatory Notes</b>
1.1 Meaning and Nature of Rights	Definition and Meaning of Rights Positive and Negative concept of Rights
1.2 Theories of Rights	Theory of Natural Rights Historical Theory Legal Theory Idealist Theory
1.3 Classification of Rights	Civil, Political, Economic, Social, Cultural and Group Rights
<b>Module 2 – Basic Political Values</b>	
2.1 Liberty	Negative and Positive Concept of Liberty Types of Liberty Safeguards of Liberty
2.2 Equality	Development of the concept of Equality Dimensions of Equality (Civil, Legal,

	Political, Economic) Relation between Liberty and Equality
2.3 Justice	Meaning of Justice, Changing nature of the concept , Procedural and Distributive Justice
<b>Module 3 – Democracy</b>	
3.1 Theories of Democracy	Classical, Elitist, Pluralist, Participatory Democracy
3.2 Principles of Liberal Democracy	Salient features, Merits and Demerits
3.3 Conditions for the Successful Working of Democracy	Challenges to Democracy Safeguards of Democracy
<b>Module 4 – Political Ideologies</b>	
4.1 Marxism	Tenets of Marxism Critical Appraisal of Marxism
4.2 Fascism	Basic Tenets Critical Appraisal
4.3 Feminism	Origin and Types Three Waves of Feminism



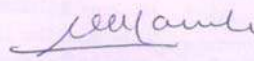
**UNIVERSITY OF MUMBAI**

No. UG/ 273 of 2017-18

**Circular:-**

The Principals of the Affiliated Colleges in Faculty of Arts and the Heads, University Departments and the Professor-cum-Director, Institute of Distance and Open Learning, (IDOL) are hereby informed that the recommendations made by the Board of Studies in Politics at its meeting held on 3<sup>rd</sup> March, 2017 have been accepted by the Academic Council at its meeting held on 11<sup>th</sup> May, 2017 vide item No.4.49 and that in accordance therewith, the revised syllabus as per the (CBCS) for S.Y.B.A. Public Administration (Sem. III & IV), has been brought into force with effect from the academic year 2017-18, accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI – 400 032  
26<sup>th</sup> October, 2017

  
(Dr.Dinesh Kamble)  
I/c REGISTRAR

To,

The Principals of the Affiliated Colleges in Faculty of Arts and the Heads, University Departments and the Professor-cum-Director, Institute of Distance and Open Learning, (IDOL).

A.C/4.49/11.05.2017

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No. UG/ 273-A of 2017                      MUMBAI-400 032                      26<sup>th</sup> October, 2017

Copy forwarded with Compliments for information to:-

- 1.The Co-ordinator, Faculty of Arts & Humanities.
- 2.The Director, Board of Examinations and Evaluation,
- 3.The Director, Board of Students Development.,
- 4.The Co-Ordinator, University Computerization Centre,

  
(Dr.Dinesh Kamble)  
I/c REGISTRAR

P.T.O..

**SYBA**

**PAPER III - PUBLIC ADMINISTRATION**

**Syllabus: Semester-III**

**Module 1: Introduction to Public Administration [Lectures 12]**

- 1.1. Meaning, Scope and Significance
- 1.2. Evolution of Public Administration as a Discipline
- 1.3. Public Administration in the Age of Liberalisation, Privatisation and Globalisation

**Module 2.Theories of Administration [Lectures 10]**

- 2.1. Scientific Management Theory- F.W. Taylor
- 2.2. Bureaucratic Theory- Max Weber
- 2.3. Human Relations Theory- Elton Mayo

**Module3. Basic Principles and Theories of Organisation[Lectures 12]**

- 3.1. Hierarchy, Delegation, Centralisation-Decentralisation
- 3.2. Motivation Theories- McGregor, McClelland
- 3.3. Leadership Theories- Trait theory, Contingency theory

**Module 4. Contemporary Techniques and Practices in Administration [Lectures 11]**

- 4.1. Good Governance
- 4.2. E-Governance
- 4.3. Public-Private Partnership (PPP)

## **SEMESTER IV- INDIAN ADMINISTRATION**

### **Module 1.Introduction to Indian Administration [Lectures 11]**

- 1.1 Evolution and Constitutional Context
- 1.2 Salient features
- 1.3 District Administration since Independence: Changing role of District Collector

### **Module 2.Personnel Administration[Lectures 11]**

- 2.1. Recruitment: All India Services, Central Services, State Services
- 2.2. Public Service Commission: Union Public Service Commission and Maharashtra Public Service Commission
- 2.3. Training: All- India Services, Central Services, State Services (Maharashtra)

### **Module3.Financial Administration[Lectures 12]**

- 3.1. Budgetary Process
- 3.2. Parliamentary Committees: Public Accounts Committee, Estimates Committee, Committee on Public Undertakings
- 3.3. Comptroller and Auditor General

### **Module 4.Contemporary Issues in Indian Administration[Lectures 11]**

- 4.1. Integrity in Administration: Lokpal, Lokyukta, CVC
- 4.2. Citizen and Administration
- 4.3. Citizens' Charter

## **REFERENCES**

- Bava,.Noorjahan.*Public Administration in the 21<sup>st</sup>Century*, Kanishka Publishers New Delhi, 2010.
- Avasthi, Maheshwari, *Public Administration*, Laxmi Narayan Agarwal Publications, Agra, 2006.
- Bhattacharya, Mohit,*NewHorizons of Public Administration*, Jawahar Publications, New Delhi, 2008.
- Chakrabarty, Bidyut, and Bhattacharya Mohit (ed.), *Public Administration a Reader*, Oxford University Press, New Delhi, 2005
- Fadia, B. L. &Dr.KuldeepFadia, *Public Administration: Administrative Theories and Concepts*,SahityaBhawan, Agra, 2015
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The Indian Journal of Public Administration, Special Issue on Controlling Corruption in India: Various Approaches and their Efficacy, July-September 2011, Vol. LVII, No. 3.

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1. Patil, B. B., *Lokaprashasan*, PhadkePrakashan, Kolhapur, 2009.
2. Bora, Shirsat, *Lokaprashasanshastra*, Vidya Books Publishers, Aurangabad, 2013
3. Bang, R.K., *LokPrashasanTatveaniSiddhanth*, Vidya Books Publishers, Aurangabad, 2015.
4. Patil, V. B., *LokPrashasan*, ShriMangeshPrakashan, Nagpur.
5. .Patil, V. B., *SamagraLokPrashasan*, K Sagar, Pune.
6. Bhogale, Shantaram, *LokprashasanacheSiddhantaaniKaaryapadhati*, Kailas Prakashan, Aurangabad

## **EXPLANATORY NOTE**

### **SYBAPaper III- Public Administration and Paper IV Indian Administration**

#### **Syllabus: Semester-III & IV**

<b>Semester III- Public Administration</b>	
<b>Module 1: Introduction to Public Administration</b>	<b>Explanatory Notes</b>
1.1. Meaning, Scope and Significance	Definitions , Distinction between Public and Private Administration,

	Nature and Scope of Public Administration –Integral view, Managerial view, POSDCoRB view, Subject Matter view Role and importance of Public Administration in Modern State
1.2. Evolution of Public Administration as a Discipline	Stages in the Evolution of Public Administration, New Public Administration
1.3. Public Administration in the Age of Liberalisation, Privatisation and Globalisation	New Public Management: Emergence and Features Public Choice Approach: Features and Critical evaluation
<b>Module 2.Theories of Administration</b>	
2.1. Scientific Management Theory- F.W. Taylor	Taylor's contribution
2.2. Bureaucratic Theory- Max Weber	Characteristics, Views of Max Weber –Authority and Bureaucracy
2.3. Human Relations Theory- Elton Mayo	Hawthorne Studies and Elton Mayo's contribution
<b>Module3. Basic Principles and Theories of Organisation</b>	
3.1. Hierarchy, Delegation, Centralisation-Decentralisation	Hierarchy –Meaning, Advantages and Disadvantages
	Delegation-Concept, Need for Delegation, Principles of Delegation, Limitations and Advantages
	Centralisation-Decentralisation :Concept, Advantages and Disadvantages

3.2. Motivation Theories- McGregor, McClelland	McGregor - Theory X and Theory Y McClelland – Theory of Needs
3.3. Leadership Theories- Trait theory, Contingency theory	Characteristics of Trait Theories – Big Five-Integration of Traits, limitations, importance of Emotional Intelligence Contingency Theory –Fiedler’s Contingency model
<b>Module 4. Contemporary Techniques and Practices in Administration</b>	
4.1. Good Governance	Concept, Characteristics, Challenges
4.2. E-Governance	Meaning, SMART governance, benefits , E-governance initiatives in India
4.3. Public-Private Partnership (PPP)	Concept, Modules of PPP, benefits and limitations

<b>Semester IV- Indian Administration</b>	
<b>Module 1.Introduction to Indian Administration</b>	
1.1 Evolution and Constitutional Context	Constitutional provisions relating to Indian Administration British legacy Continuity and change
1.2 Salient features	Features of Indian Administrative System
1.3 District Administration since Independence: Changing role of District Collector	Organisation of District Administration, Powers, functions and role of District Collector
<b>Module 2.Personnel Administration</b>	
2.1. Recruitment: All India Services, Central Services, State Services	Scheme of examination for higher civil services
2.2. Public Service Commission: Union Public Service Commission and Maharashtra Public Service Commission	Composition and functions
2.3. Training: All India Services, Central Services, State Services (Maharashtra)	Institutionalised training for All India Services, Central Services, LalBahadurShastri National Academy

	of Administration, National Police Academy, Indian Institute of Public Administration, Administrative Staff College of India  State Services with respect to Maharashtra – New Training Policy of the Government of Maharashtra, YASHADA
<b>Module 3.Financial Administration</b>	
3.1. Budgetary Process	Concept and significance of Budget, Formulation and Enactment
3.2. Parliamentary Committees: Public Accounts Committee, Estimates Committee, Committee on Public Undertakings	Composition and Functions
3.3. Comptroller and Auditor General	Constitutional position, functions, role as an independent agency
<b>Module 4.Contemporary Issues in Indian Administration</b>	
4.1. Integrity in Administration: Lokpal, Lokayukta, CVC	Meaning of Integrity, Causes of Corruption, Legal and Institutional Remedies Lokpal, Lokayukta ( w.r.t. Lok Pal and Lokayukta Act, 2014), CVC – Composition and Powers
4.2. Citizen and Administration	Role of Voluntary Agencies, Right to Information (RTI Act 2005)
4.3. Citizens’ Charter	Objectives, Principles and Models

# University of Mumbai



No. UG/ 27 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/299 of 2017-18, dated 7<sup>th</sup> November, 2017 relating to the revised syllabus as per (CBCS) of S.Y.B.A. Social Psychology Development Psychology and General Applied Component Option A Health Psychology, B Psychology of Adjustment, C Stress Management (Part I) (Sem. III) and (Part II) (Sem.IV).

They are hereby informed that the recommendations made by the Board of Studies in Psychology at its meeting held on 26<sup>th</sup> March, 2019 have been accepted by the Academic Council at its meeting held on 15<sup>th</sup> April, 2019 vide item No. 4.13 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A.(Sem.III & IV) Paper II Social Psychology, Paper III Development Psychology, Applied Components (a) Health Psychology, (b) Psychology of Adjustment, (c) Stress Management 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

1<sup>st</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./4.13/15/04/2019

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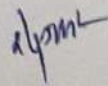
No. UG/ 27 -A of 2019

MUMBAI-400 032

1<sup>st</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 Psychology,
- 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

**Choice Based Credit System (CBCS)**  
**S.Y.B.A. Psychology Syllabi to be implemented from 2019-2020**  
**Social Psychology - Paper II: Part I and Part II**

Code	Sem.	Course Title	Credits	Marks
UAPSY 301	3	Social Psychology: Part I	3	100
UAPSY 401	4	Social Psychology: Part II	3	100

**Objectives: -**

1. To help students in building knowledge of the basic concepts and modern trends in Social Psychology.
2. To foster interest in Social Psychology as a field of study and research among students.
3. To make the students aware of the applications of the various concepts in Social Psychology in the Indian context.

**Semester III Social Psychology: Part I (3 lectures per week)**

**Unit 1: Social Psychology: The Science of the Social Side of Life**

- a) Social Psychology: What it is and is not
- b) Social psychology: Advances at the boundaries
- c) How social psychologists answer the questions they ask: Research as the route to increased knowledge
- d) The role of theory in social psychology
- e) The quest for knowledge and the rights of individuals: Seeking an appropriate balance

**Unit 2: Social Perception: Seeking to Understand Others**

- a) Nonverbal communication: An unspoken language
- b) Attribution: Understanding the causes of behavior
- c) Impression formation and management: Combining information about others
- d) What research tells us about the role of nonverbal cues in job interviews?
- e) What research tells us about why some people conclude they are superior to others?

**Unit 3: Attitudes: Evaluating and responding to the social world**

- a) Attitude formation: How attitudes develop
- b) When and why do attitudes influence behavior?
- c) How do attitudes guide behavior?
- d) The science of persuasion: How attitudes are changed
- e) Resisting persuasion attempts
- f) Cognitive dissonance: What it is and how do we manage it?
- g) What research tells us about culture and attitude processes?

**Unit 4: Liking, Love and Other close relationships.**

- a) Internal sources of liking others: The role of needs and emotions
- b) External sources of attraction: The effects of proximity, familiarity and physical beauty
- c) Sources of liking based on social interaction
- d) Close relationships: Foundations of social life
- e) What research tells us about dramatic differences in appearance between partners: Is love really blind?
- f) What research tells us about two factors that may destroy love—jealousy and infidelity

**Semester IV Social Psychology: Part II (3 lectures per week)**

**Unit 1: Causes, and Cures of Stereotyping, Prejudice and Discrimination**

- a) How members of different groups perceive inequality
- b) The nature and origins of stereotyping

- c) Prejudice: Feelings toward social groups
- d) Discrimination: Prejudice in action
- e) Why prejudice is not inevitable: Techniques for countering its effects
- f) What research tells us about the role of existential threat in prejudice

### **Unit 2: Social Influence: Changing Others' Behavior**

- a) Conformity: How groups – and norms – influence our behavior.
- b) Compliance: To ask – sometimes – is to receive
- c) Obedience to authority: Would you harm someone if ordered to do so?
- d) Unintentional social Influence: How others change our behaviors even when they are not trying to do so
- e) What research tells us about how much we really conform?
- f) What research tells us about using scarcity to gain compliance?

### **Unit 3: Aggression: Its Nature, Causes and Control**

- a) Perspectives on aggression: In search of the roots of violence
- b) Causes of human aggression: Social, cultural, personal and situational
- c) Aggression in the classroom and workplace
- d) The prevention and control of violence: some useful techniques
- e) What research tells us about the role of emotions in aggression?
- f) What research tells us about workplace aggression?

### **Unit 4: Prosocial Behavior: Helping Others**

- a) Why people help: Motives for prosocial behaviour
- b) Responding to an emergency: Will bystanders help
- c) Factors that increase or decrease the tendency to help
- d) Crowdfunding: A new type of prosocial behaviour
- e) Final thoughts: Are prosocial behaviour and aggression opposites?
- f) What research tells us about paying it forward: Helping others because we have been helped
- g) What research tells us about how people react to being helped

### **Book for Study:**

**Branscombe, N. R. & Baron, R. A., Adapted by Preeti Kapur (2017). *Social Psychology*. (14<sup>th</sup> Ed.). New Delhi: Pearson Education; Indian reprint 2017**

### **Books for Reference-**

Aronson, E., Wilson, T. D., Akert, R. M., & Sommers, S. A. adapted by Veena Tucker (2016). *Social Psychology*. (9th Ed), New Jersey: Pearson Education Prentice Hall. Indian subcontinent adaptation .Pearson India Education Pvt.Ltd.

Crisp, R. J., & Turner, R. N. (2014). *Essential Social Psychology*. Sage Publication. South Asia adaptation (2017).

Mercer, J. & Clayton, D. (2014). *Social Psychology*. New Delhi: Dorling Kindersley India pvt ltd. 8)

Myers, D. G., Sahajpal, P., & Behera, P. (2017). *Social psychology* (10th ed.). McGraw Hill Education.

Taylor, S. E., Sears, D. O., & Peplau, L. A. (2017). *Social psychology* (10th ed.). Pearson Education.

**S.Y.B.A. Developmental Psychology: A Focus on Adolescent and Adult Development Paper III**  
**Part I and Part II**

Code	Sem.	Course Title	Credits	Marks
UAPSY 302	3	Developmental Psychology A Focus on Adolescent and Adult Development: Part I	3	100
UAPSY 402	4	Developmental Psychology A Focus on Adolescent and Adult Development: Part II	3	100

**Objectives: -**

1. To help students in building knowledge and understanding of the basic concepts, principles, perspectives and modern trends in Developmental Psychology
2. To foster interest in Developmental Psychology as a field of study and research among students.
3. To make the students aware of the implications and applications of the various concepts, principles and theories of Developmental Psychology in daily life in the Indian context

**Semester III Developmental Psychology: A Focus on Adolescent and Adult Development Part I**  
**(3 lectures per week)**

**Unit 1. An Introduction to Lifespan Development and Adolescence Physical & Cognitive development**

**1A Lifespan Development**

- a) An orientation to lifespan development
- b) Defining life span development
- c) Scope of the field (areas, age and individual differences )
- d) Basic influences in development (history, age, sociocultural, life events)

**1B Adolescence Physical & Cognitive development**

- e) Physical maturation
- f) Cognitive development and schooling
- g) Threats to adolescence well being

**Unit 2. Social and Personality Development in Adolescence**

- a) Identity: Asking 'Who am I'
- b) Relationships: Family and friends
- c) Dating, sexual behaviour and teenage pregnancy

**Unit 3. Physical and Cognitive Development in Early Adulthood**

- a) Physical Development
- b) Cognitive development
- c) College: Pursuing Higher Education

**Unit 4. Social and Personality Development in Early Adulthood**

- a) Forging Relationships: Intimacy, Liking and Loving during Early Adulthood
- b) The Course of Relationships
- c) Work: Choosing & Embarking on a Career

**Semester IV Developmental Psychology: A Focus on Adolescent and Adult Development Part II**  
**(3 lectures per week)**

**Unit 1. Physical and Cognitive Development in Middle Adulthood**

- a) Physical development
- b) Health
- c) Cognitive development

## **Unit 2. Social and Personality Development in Middle Adulthood**

- a) Personality Development
- b) Relationships: Family in Middle Age
- c) Work & Leisure

## **Unit 3. Physical and Cognitive Development in Late Adulthood**

- a) Physical development in Late Adulthood
- b) Health and wellness in Late Adulthood
- c) Cognitive development in Late Adulthood

## **Unit 4. Social and Personality Development in Late Adulthood**

- a) Personality Development and successful aging
- b) The daily life of Late Adulthood
- c) Relationships: Old & new

## **Book for study**

**Feldman, R. S. & Babu, N. (2018). Development across the Life Span. (8<sup>th</sup> Ed). India: Pearson India Education services Pvt.Ltd**

## **References**

Cook, J. L., & Cook, G. (2009). Child Development: Principles and Perspectives. Boston: Pearson Education

Crandell, T. L., Crandell, C. H., & Zanden, J. W. V. (2009). Human Development. (9<sup>th</sup> Ed). New York: McGraw Hill co. Inc.

Feldman, R. S., & Babu, N. (2011). Discovering the Life Span. Indian subcontinent adaptation, New Delhi: Dorling Kindersley India pvt ltd.

Papalia, D. E., Olds, S. W., & Feldman, R. (2012). Human Development. (12<sup>th</sup> Ed). McGraw Hill, international Edition

Papalia, D. E., Olds, S. W., & Feldman, R. (2012). Human Development. (12<sup>th</sup> Ed). McGraw Hill, international Edition

Santrock, J. (2017). Life-span development (13th ed.). Indian Edition. McGraw-Hill Higher Education.

Singh, A. (Ed.) (2015). Foundations of human development: A life span approach. Orient Longman.

## **S.Y.B.A. Applied Component (Option A) Health Psychology - Part I and Part II**

Code	Sem.	Course Title	Credits	Marks
UAHP3A1	3	Health Psychology: Part I	2	100
UAHP4A1	4	Health Psychology: Part II	2	100

## **Objectives: -**

1. To help students in building knowledge of the basic concepts and modern trends in Health Psychology.
2. To foster interest in Health Psychology as a field of study and research among students.
3. To make the students aware of the practical applications of the various concepts in Health Psychology in the Indian context.

**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- III**  
**Paper-II: An Introduction to Climatology**  
**COURSE CODE: UAGEO 301 (2017-18), Credit - 3**

<b>Unit-I: Introduction to Climatology</b>		<b>09 (lectures)</b>
1.1	Definition, nature, scope and branches of climatology	
1.2	Concept and elements of weather and climate	
1.3	Composition and structure of atmosphere	
1.4	Insolation: Vertical and horizontal distribution of temperature	
<b>Unit-II : Air Pressure and Atmospheric Circulation</b>		<b>09 (lectures)</b>
2.1	Air pressure: Influencing factors – Tricellular model	
2.2	Horizontal distribution of air pressure	
2.3	Wind: Types of winds – global, regional and local	
2.4	Upper air circulation – jet stream ( concept, origin and effects)	
<b>Unit-III: Humidity and Precipitation</b>		<b>09 (lectures)</b>
3.1	Humidity: Types - absolute, relative and specific	
3.2	Condensation and its forms	
3.3	Precipitation and its types	
3.4	Global distribution of rainfall	
<b>Unit-IV: Climate and Weather Phenomena</b>		<b>09 (lectures)</b>
4.1	Cyclones: tropical and temperate	
4.2	Anti-cyclones and tornados	
4.3	El Nino and Indian monsoon	
4.4	Global warming and climate change	
<b>Unit-V: Practical Component</b>		<b>09 (lectures)</b>
5.1	IMD: Weather signs and symbols, Interpretation of IMD weather	
5.2	maps Construction of :wind rose, climograph and hythergraph	

**Reference Books:-**

1. Ahrens, C.D. (2012): Essentials of Meteorology: An Invitation to the Atmosphere; Cengage Learning, Boston
2. Ahrens, C.D., Jackson, P.L., Jackson, C.E.J. and Jackson, C.E.O. (2012): Meteorology Today: An Introduction to Weather, Climate and the Environment; Cengage Learning; Boston
3. Barry, R.G. and Chorley, R.J. (2003): Atmosphere, Weather and Climate; Psychology Press, Hove; East Sussex.
4. Chawan S.V. (ed) (2015): Physical Geography, Paper I, Published by Director (I/C), Institute of Distance and Open Learning, University of Mumbai.
5. Critchfield, H.J., (1975): general Climatology, Prentice Hall, New Jersey.
6. Lal D.S. (1997): Climatology; Sharda Pustak Bhavan; Allahabad
7. Lydolph, P.E.( 1985): The Climate of the Earth, Rowman Nad Allanheld, Totowa, New Jersey.
8. Mather,J.R.(1974): Climatology: Fundamentals and Applications; Mc Craw Hill Book Co., U.S.A.
9. Matthews, W. H., Kellogg, W., Robinson, G.D. (1971): Man's Impact on Climate; M.I.T. Press Design Dept. U.S.A.
10. Oliver, J.E. (1993): Climatology: An Atmospheric Science, Pearson Education India, New Delhi
11. Rosenberg, N.J., Blad, B.L., Verma, S.B.(1983): Micro-climate Biological Environment; John Wiley & Sons, U.S.A.
12. Rumney, G.R. (1968): Climatology and the World Climates, Macmillan, London.
13. Shinde P. ; Pednekar H. et.al. (2010): Introduction to Geography, Sheth Publishers Pvt.Ltd., Mumbai.
14. Subrahmanyam, V.P. (ed) (1983): Contributions to Indian Geography a) Vol III- General Climatology, b) Volume IV- Applied Climatology. Heritage Publishers, New Delhi.
15. Trewartha, G.T. (1980): An Introduction to Climate; McGraw Hill, New York, 5<sup>th</sup> edition, (International Student Edition)

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**University of Mumbai**  
**Question Paper Pattern**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- III**  
**Paper-II: An Introduction to Climatology**  
**COURSE CODE: UAGEO 301 (2017-18)**

<b>Duration: 3 hours</b>	<b>Marks: 100</b>
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.	

<b>Q. 1</b>	<b>Practical, Unit – V</b> A) Weather signs and symbols B) Interpretation / question answers on weather maps C) Construction of one diagram based on climatic data	<b>20 marks</b> (05 Marks) (05 Marks) (10 Marks )
<b>Q. 2</b>	<b>Unit-I</b>	<b>20 Marks</b>
<i>OR</i>		
<b>Q.2</b>	<b>Unit-I</b>	<b>20 Marks</b>
<b>Q. 3</b>	<b>Unit-II</b>	<b>20 Marks</b>
<i>OR</i>		
<b>Q. 3</b>	<b>Unit-II</b>	<b>20 Marks</b>
<b>Q. 4</b>	<b>Unit-III</b>	<b>20 Marks</b>
<i>OR</i>		
<b>Q. 4</b>	<b>Unit-III</b>	<b>20 Marks</b>
<b>Q. 5</b>	<b>Unit-IV</b>	<b>20 Marks</b>
<i>OR</i>		
<b>Q. 5</b>	<b>Unit-IV</b>	<b>20 Marks</b>

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**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- IV**  
**Paper-II: Introduction to Oceanography**  
**COURSE CODE: UAGEO 402 (2017-18), Credit - 3**

<b>Unit-I: Nature of Oceanography</b>		<b>09 (lectures)</b>
1.1	Origin and Development of Oceanography	
1.2	Oceanography : meaning, definition, nature and scope	
1.3	Branches of oceanography: physical chemical and biological	
1.4	Major Oceans and its characteristic features	
<b>Unit-II: Bottom Relief and Ocean Water</b>		<b>09 (lectures)</b>
2.1	Ocean floor and its characteristics	
2.2	Composition of ocean water	
2.3	Factors affecting ocean water temperature	
2.4	Vertical and horizontal distribution of ocean temperature	
2.5	Factors affecting salinity of ocean water	
2.6	Vertical and horizontal distribution of oceanic salinity	
<b>Unit-III: Movements of Ocean Water</b>		<b>09 (lectures)</b>
3.1	Waves- Formation and types	
3.2	Tsunami and their effects on coast	
3.3	Concept and types of Tides	
3.4	Equilibrium theory of Tides	
3.5	Ocean Currents – types and their effects	
<b>Unit-IV: Man and Ocean</b>		<b>09 (lectures)</b>
4.1	El- Niño and La-Niña phenomenon	
4.2	Coral reefs and their importance	
4.3	Marine Ecosystem	
4.4	Marine pollution	
4.5	Oceans and global climate change	
<b>Unit-V: Practical Component</b>		<b>09 (lectures)</b>
5.1	Map filling : Related to Oceanography	
5.2	Reading and Interpretation of navigation charts and bathymetric maps	

## Reference books:-

1. Bhatt, J.J. 91978): Exploring the Planet Ocean, D.Von Nostrand Co.New York.
2. Birla Economic Research Foundation, economic Research Division 91992): The Oceans, Allied Publishers Ltd. New Delhi.
3. Chandra, S. and Others (eds).(1993): The Indian Ocean and its islands: Strategic Scientific and Historical perspectives, sage Publications, New Delhi.
4. Chawan S.V. (ed) (2015): Physical Geography, Paper I, Published by Director (I/C), Institute of Distance and Open Learning, University of Mumbai.
5. Fairbridge, R.W.ed) Encyclopeadia of Oceanography, Reinholt, New York.
6. Sharma, R.C. (ed)(1985): The Oceans: realities and Prospects, Rajesh Publications, New Delhi.
7. Sengupta,R. and Desa E,(eds) (2001): The Indian Ocean: A Perspective Vol.,I and II Oxford and IBH Publishing Company Private Limited, New Delhi.
8. Paul, P.R.(1998): Invitation to Oceanography, Jones and Bartlett Publishing, Sudbury, Massachusetts.
9. Rajgopalan, R (ed) (1996): Voices for Oceans, A Report to the Independent World Commission on the Oceans, International Ocean Institute, Operational centre, Madras, India.
10. Qasim, S.Z(1998): Glimpses of Indian Ocean, Universities Press(India) Limited, Hyderabad.

## University of Mumbai

### Question Paper Pattern

**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSCS)**

**S.Y.B.A. Geography, Semester- IV**

**Paper-II- (Introduction to Oceanography)**

Duration: 3 hours		Marks: 100	
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.			
Q.1	<b>Practical Unit V:</b> 5.1		10 Marks
	5.2		10 Marks
Q. 2	Unit-I		20 Marks
<b>OR</b>			
Q.2	Unit-I		20 Marks
Q. 3	Unit-II		20 Marks
<b>OR</b>			

Q. 3	Unit-II		20 Marks
Q. 4	Unit-III		20 Marks
<b>OR</b>			
Q. 4	Unit-III		20 Marks
Q. 5	Unit-IV		20 Marks
<b>OR</b>			
Q. 5	Unit-IV		20 Marks

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**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography - Semester- III**  
**Paper-III: Physical Geography of India**  
**COURSE CODE: UAGEO 302 (2017-18), Credit - 3**

<b>Unit-I: Introduction of India</b>		<b>09 (lectures)</b>
1.1	India: Location , extent and significance	
1.2	India: Major physiographic divisions and their formation	
1.3	Mountainous region of India	
1.4	North Indian plains	
1.5	Peninsular plateau of India	
1.6	Coastal plains and islands of India	
<b>Unit-II: Drainage and Climate</b>		<b>09 (lectures)</b>
2.1	Drainage System in India (Himalayan and Peninsular drainage system )	
2.2	Major Himalayan rivers of India	
2.3	Major Peninsular Rivers of India	
2.4	Major lakes of India	
2.5	Seasons in India	
2.6	Distribution of rainfall in India	
<b>Unit-III: Soils and Natural Vegetation</b>		<b>09 (lectures)</b>
3.1	Classification of soils of India	
3.2	Problems associated with soils and its remedies in India	
3.3	Classification of Forest in India	
3.4	Importance of Forest in Indian context	
3.5	Deforestation and measures of forests conservation in India	
<b>Unit-IV: Mineral and Power Resources</b>		<b>09 (lectures)</b>

4.1	Distribution of Metallic Minerals in India: Iron ore, manganese, bauxite, copper and other important minerals	
4.2	Distribution of Non-Metallic Minerals in India: Mica, limestone, gypsum, clay and other important minerals	
4.3	Distribution of Power Resources : Coal, mineral oil and natural gas, thorium and uranium	
4.4	Depletion and conservation of minerals and power resources in India	
<b>Unit-V: Practical Component</b>		<b>09 (lectures)</b>
5.1	Map filling: Showing geographical features in the Map of India (Related to physiography)	
5.2	Map Scale – Types, Conversion and drawing	

**Reference books:-**

1. Deshpande C.D. (1992): India: A Regional Interpretation, Northern Book Centre, New Delhi.
2. Bharucha, F.R. (1983): A text book of the plant geography of India, Oxford University Press, Bombay.
3. Dikshit, K.R.(1991): Environment, Forest Ecology and man in the Western Ghats-The Case of Mahabaleshwar Plateau, Rawat Publications, New Delhi.
4. Forest Survey of India: State Forests Reports, Dehradun.
5. Khullar, D.R. (2014): India: A Comprehensive Geography; Kalyani Publishers
6. Miller, R.W. et al. (1995): Soil in Our Environment, Prentice hall, U.S.A.
7. Raychudhari, S.P.(1958): Soils of India, ICAR, New Delhi
8. Robinson, F (ed.) (1989): The Cambridge Encyclopedia of India, Pakistan, Bangladesh and Sri Lanka,Cambridge University Press.
9. Savindra Singh (2006) : Physical Geography of India ; Pravalika Publications, Allahabad.
10. Sharma T.C. ( 2013) Economic Geography of India; Rawat Publications, New Delhi.

11. Shinde P. ; Pednekar H. et.al. (2010): Introduction to Geography, Sheth Publishers Pvt.Ltd., Mumbai.
12. Shinde P. ; Pednekar H. et.al. (2011): Economic Geography of India, SYBA paper II Sheth Publishers , Pvt.Ltd., Mumbai
13. Singh, R.L. (1971): India-A Regional Geography, National Geographical Society of India, Varanasi.
14. Tirth, R (1996): Geography of India, Rawat Publications, Jaipur.
15. Majid Hussain (2014, 5<sup>th</sup> edition): Geography of India, McGraw Hill Education (India) Private Ltd, Uttar Pradesh..

**University of Mumbai**  
**Question Paper Pattern**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- III**  
**Paper-III: Physical Geography of India**

Duration: 3 hours		Marks: 100	
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.			
Q. 1	Practical, Unit - V		
	5.1		10 Marks
	5.2		10 Marks
Q. 2	Unit-I		20 Marks
OR			
Q.2	Unit-I		20 Marks
Q. 3	Unit-II		20 Marks
OR			
Q. 3	Unit-II		20 Marks
Q. 4	Unit-III		20 Marks
OR			
Q. 4	Unit-III		20 Marks
Q. 5	Unit-IV		20 Marks
OR			
Q. 5	Unit-IV		20 Marks

**University of Mumbai**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A./ S.Y.B.Sc. Geography, Semester- IV**  
**Paper-III: Agriculture Geography of India**  
**COURSE CODE: UAGEO401 (2017-18) Credit - 3**

<b>Unit-I: Introduction to Agricultural Geography</b>		<b>09 (lectures)</b>
1.1	Definition, nature and scope of agricultural geography	
1.2	Approaches: regional approach, systematic approach, commodity approach, recent approaches	
1.3	Importance of agriculture in Indian economy	
1.4	Factors influencing agriculture in India	
1.5	India a agro-product exporting country	
<b>Unit-II: Introduction to Indian Agriculture</b>		<b>09 (lectures)</b>
2.1	Salient features of Indian agriculture	
2.2	Types of farming in India	
2.3	Major crops of India	
2.4	Agro- climatic regions of India	
2.5	Problems associated with Indian agriculture ( Natural, Socio-Economic and Political)	
<b>Unit-III: Green Revolution in India</b>		<b>09 (lectures)</b>
3.1	Introduction of Green Revolution in India	
3.2	Components of Green Revolution	
3.3	Positive impacts of Green Revolution	
3.4	Negative impacts of Green Revolution	
3.5	Need for sustainable agriculture in India	
3.6	Agriculture in drought prone region and watershed management	
<b>Unit-IV: Recent Trends in Agriculture</b>		<b>09 (lectures)</b>
4.1	White revolution and livestock resources,	
4.2	Genetic engineering, tissue culture and horticulture	
4.3	Poly house agriculture	
4.4	Agro processing in India	
4.5	Agro-tourism	
4.6	Agro forestry	
<b>Unit- V</b>		

Practical Component		09 (lectures)
5.1	Interpretation/ question- answer on thematic maps related to agriculture of India ( NATMO and other )	
5.2	Drawing of Statistical Diagrams and Graphs: Simple line graphs, multiple line, simple bar, compound bar and band graph	

### Reference books:-

1. Bansil, B. C. (1975): 'Agricultural Problems of India', Delhi.
2. Bayliss Smith, T.P. (1987) : The Ecology of Agricultural Systems. Cambridge University Press, London .
3. Berry, B.J.L. et. al.(1976) : The Geography of Economic Systems. Prentice Hall, New York.
4. Gregor, H.P.: Geography of Agriculture. Prentice Hall, New York, 1970.
5. Grigg, D. (1984): 'An Introduction to Agricultural Geography', Hutchinson Publication, London
6. Grigg, D.B.(1974) : The Agricultural Systems of the World. Cambridge University Press, New York.
7. Hartshorn, T.N. and Alexander, J.W. (1988): Economic Geography. Prentice Hall, New Delhi.
8. Morgan W.B. and Norton, R.J.C. (1971): Agricultural Geography. Mathuen, London, .
9. Morgan, W. B. and Munton, R. J. C. (1977): 'Agricultural Geography' Methuen, London.
10. Morgan, W.B.(1978): Agriculture in the Third World - A Spatial Analysis. Westview Press, Boulde.
11. Sauer, C. O. (1952): 'Agricultural Origins and Dispersals', American Geographical Journal
12. Sauer, C.O.(1969): Agricultural Origins and Dispersals. M.I.T. Press, Mass, U.S.A.
13. Singh J.(1997): Agricultural Development in South Asia: A Comparative A Study in the Green Revolution Experiences, national Books Organization, New Delhi.
14. Singh, J. and Dhillon, S. S. (1984): 'Agricultural Geography', McGraw Hill, New Delhi.
15. Singh, J. and Dhillon, S.S. (1988), "Agricultural Geography", 2nd edition, Tata McGraw-Hill, NewDelhi
16. Symons, L. (1972): 'Agricultural Geography', Bell and Sons, London
17. Tarrant, J.R.(1974): Agricultural Geography, Problems in Modern Geography Series, John Wiley and Sons.

18. The Hindu ( 2006): Survey of Indian Agriculture 2006. New Delhi.
19. Wigley, G.(1981), Tropical Agriculture: The Development of Production, 4th edition, Arnold, London

**University of Mumbai**  
**Question Paper Pattern**  
**Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)**  
**S.Y.B.A. Geography, Semester- IV**  
**Paper-III: Agriculture Geography of India**  
**COURSE CODE: UAGEO401 (2017-18)**

<b>Duration: 3 hours</b>		<b>Marks: 100</b>
<b>N.B.</b> 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.		
Q. 1	<b>Practical, Unit - V</b>	10 Marks
	5.1	10 Marks
	5.2	10 Marks
Q. 2	Unit-I	20 Marks
<b>OR</b>		
Q.2	Unit-I	20 Marks
Q. 3	Unit-II	20 Marks
<b>OR</b>		
Q. 3	Unit-II	20 Marks
Q. 4	Unit-III	20 Marks
<b>OR</b>		
Q. 4	Unit-III	20 Marks
Q. 5	Unit-IV	20 Marks
<b>OR</b>		
Q. 5	Unit-IV	20 Marks