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Item No.4.42

# UNIVERSITY OF MUMBAI



**Revised Syllabus for the S.Y.B.A.**

**Program: B.A.**

**Course: Geography**

**Semester III & IV**

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

Syllabus for SYBA course in the subject of Geography  
(w.e.f. academic year 2012-13)

Geography – Paper II

## **Economic Geography of India**

(with Special reference to Maharashtra)

<b>Course Code No.</b>	<b>SEMISTER III &amp; IV</b>	<b>CREDIT</b>
<b>UAGR201</b>	<b>Per week 3 Lect.</b>	<b>03 each Semester</b>

### Semester- III

#### **Unit I (13)**

Introduction to India and Maharashtra

Locational significance and administrative setup – India - and land of diversities

Physiography : Peninsular India - Significance of Himalayas – The Great plains and the coastal plains – Indian islands – physiographic regions of Maharashtra –

Drainage pattern and river basins of India – Peninsular rivers vs. Himalayan rivers – Major rivers in Maharashtra – National water policy

Climate – Distribution of Rainfall, Draught prone areas and flood prone areas : Problems and Management.

#### **Unit II (15)**

**Natural Vegetation** – Classification of forests - Distribution of forests

Forest products - National Forest Policy

**Soil** – Soil Types and distribution - Problems and issues - Soil conservation

**Agriculture** – Types of farming & crop regions – Agriculture development programs – Irrigation development - Changing pattern of agriculture and its impact – Critical evaluation of Cotton and Sugar Cane cultivation in Maharashtra

**Fishing**- Development of fisheries – Aquaculture and issues related to fishing

**Livestock Resources** – distribution, utilization and related issues

#### **Unit III (11)**

**Mineral resources**

Major mineralized zones

Energy resources

Conventional and non-conventional energy resources

Distribution and generation of power - Present position, problems and prospectus, conservation, remedial measures

Energy crisis – issues related to mineral and energy resources

**Unit IV (11)**

**Population** : Growth trend, spatial distribution, density, sex-ratio, literacy rate and migration, occupational structure.

Spatial distribution of tribal population in India and Maharashtra

Population policy of India

**Practicals (10)**

Preparation of diagrams and maps using following cartographic techniques

- a) Graphs – Simple, Superimposed, Band
- b) Bars – Simple, Multiple, Divided
- c) Proportionate circles
- d) Divided circles
- e) Flow diagram
- f) Distribution maps

Pace survey, economic survey and preparation of simple maps

**Note: All practical exercises should be based on the topics included in the syllabus.**

**Semester- IV****Unit V****Industries: (11)**

Evolution of industries, types of industries, factors affecting location of industries, Industrial regions , issues related to industries and SEZ

**Unit VI (13)**

**Transport and communication development:** Land, Air and Water network, recent development in transport and telecommunication and its impact

**Trade:** Pattern and direction – trade policy of India

**Tourism:** Development and potentials – changing perspective of tourism – tourism policy of India

**Unit VII (15)****Contemporary issues & development programmes :**

Small and marginal farmers, fishermen, drought prone area programme, tribal development programmes, water issues of rural and urban areas

Environmental degradation & Management

Watershed management

Interstate water disputes

CMZ, Issues related to MMR

**Unit VIII****Economic Development and Globalization: (11)**

Regional disparity in Economic Development in India & Maharashtra

Globalization and its impact on society and economy

**Practicals (10)**

Preparation of diagrams and maps using following cartographic techniques

- a) Dot map
- b) Isopleth
- c) Choropleth
- d) Located proportionate circles
- e) Located divided circles
- f) Flow maps
- g) Distribution maps

Field visits to the areas of Primary activities (agriculture / fishing / mining etc.), Secondary activities (factories / manufacturing etc.), Tertiary activities (markets / tourist places etc.), Preparation of field trip report

**References:**

- 1) Majid Husain, Geography of India Tata McGraw Hill Publishing Co. Ltd., 2008
- 2) Khullar D.R., India, A comprehensive Geography, Kalyani Publishers, 2007
- 3) Sing Gopal, Geography of India
- 4) OHK Spate & Learmonth ATA, A General Regional Geography of India and Pakistan
- 5) Nag P. , (ed.) India by the Turn of Millennium, NATMO
- 6) Didee Jaymala et al., Geography of Maharashtra, Rawat Publications, 2002
- 7) Dikshit K.R., Maharashtra in Maps
- 8) Social and Economic Atlas of India, Oxford University Press
- 9) NATMO, Socio-Economic Atlas
- 10) India, Yearbook, Govt. of India, 2009

**SYBA – PAPER II**  
**Economic Geography of India**  
**(with Special reference to Maharashtra)**  
**Paper pattern for semester III & IV**

**Course Code-UAGR201**

Time: 2 hours

Marks: 60

All questions are compulsory

Q.1 (a) Map of India /Map of Maharashtra	5
(b) Objective questions	5
Q.2 Practical	10
Q.3 Unit I / V	10
OR	
Q.3 Unit I / V	10
Q.4 Unit II / VI	10

OR

Q.4 Unit II / VI 10

Q.5 Unit III / VII 10

OR

Q.5 Unit III / VII 10

Q.6 Unit IV / VIII 10

OR

Q.6 Unit IV / VIII 10

**Internal Assessment: 40 marks**

1. One periodical class test (10marks)
2. Assignments/ Project/Field Trip/Socio- Economic Survey/ Landuse Survey Seminar/Geographical model making/ Power point presentation/ Exhibition - (10marks)
3. Preparing Practical Journal - 05 marks +Viva - 05 marks.(Total 10 marks)
4. a) Active participation in routine class instructional deliveries (and in practical work, tutorial, field work etc as the case may be ) (05 Marks)  
b) Overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities (05 Marks)

**Total- 60 marks (semester end exam) + Total - 40 marks (Internal assessment)= Grand total-100**

(w.e.f. academic year 2012-13)

**Geography – Paper III**  
**Fundamentals of Human Geography**

<b>Course Code No.</b>	<b>SEMISTER III &amp; IV</b>	<b>CREDIT</b>
<b>UAGR202</b>	<b>Per week 3 Lect.</b>	<b>03 each Semister</b>

**SEMESTER-III**

**Unit I – Human Geography** **(13)**

Nature & scope, Branches, Importance,  
Major contributors to Human Geography  
Changes in the Man – Environment relationship: a historical perspective

**Unit II - Population Geography** **(13)**

World: Factors affecting growth & distribution of population  
Demographic Transition Model,  
Demographic Characteristics: Sex Ratio, Literacy Rate, Occupational Structure,  
Life Expectancy, Rural-Urban composition, Age and Sex Pyramid  
Concepts of under, optimum and over population, their consequences & examples

**Unit III – Migration** **(13)**

Definition –Types-Scale  
Causes and consequences of migration –challenges & measures

**Unit IV - Social & Cultural Geography** **(13)**

World: Distribution of Race, Languages, Religions, Tribe, Caste, Folk culture and  
Gender issues.  
Concept of social well being – Indicators & measurement of social well being;  
examples  
Human Resource Development (HRD) – concept & need for using HRD  
Human Development Index

**Practical** **(08)**

Preparation of maps & diagrams using following cartographic techniques

- a) Distribution maps
- b) Graphs
- c) Bar diagram
- d) Circle diagram
- e) Pie chart
- f) Age / Sex pyramid
- g) Flow diagrams / Flow maps /Ray diagram
- h) Calculation of Human Development Index

i) Social survey – Interview

Note: All practical exercises should be based on the topics included in the syllabus.

## **SEMESTER-IV**

### **Unit V- Geography of Rural Settlement (13)**

Rural settlements: Evolution, site, situation, types, size, spacing and morphology  
House types & building material used in Maharashtra and India

### **Unit VI - Geography of Urban Settlement (13)**

Introduction

Urbanization – Process and Problems, Classification of Towns,  
Urban Landuse Models

Rural – urban fringe & sphere of urban influence

### **Unit VII- Political Geography (13)**

Concept of state, nation & nation-state

Frontiers and boundaries: Types (Frontiers & boundaries with special reference to India & neighboring countries), Geopolitics

Global strategic views

### **Unit VIII- Geography of the Developing Countries (13)**

Concept, characteristics of the developing countries & cities

Development problems associated with the developing countries

Impact of globalization & the role of MNCs

### **Practical (08)**

Preparation of maps & diagrams using following cartographic techniques

- a) Distribution maps
- b) Diagrams / sketches / cross-sections of house types settlement sites, patterns w.r.t. SOI Toposheets: 1:50,000, 1:25,000 etc.
- c) Nearest neighbor analysis
- d) Proportionate circles / pie diagram
- e) Field sketching
- f) Field study of rural / urban settlement
- g) Morphology of rural settlement- Field visit

Note: All practical exercises should be based on the topics included in the syllabus.



**REFERENCES:**

1. Robinson H. (1978) : Human Geography, Macdonalds & Evans
2. Johnson R. J. & Others (1983) : The Dictionary of Human Geography, Blackwell England
3. Goodall B. (1987): The Dictionary of Human Geography, Penguin
4. Knowless R & Wareing (1983) : Economic & Social Geography Made Simple
5. Money D. C. (1962) : Introduction to Human Geography, University Tutorial Press, London
6. Leong G. C. & Morgan G. C. (1990) : Human & Economic Geography, Oxford University Press
7. Rubenstein J. M. (1989): The Cultural Landscape - An Introduction to Human Geography, McMillan Publishing company
8. Haggett P. (1975) : Geography : A Modern Synthesis, Harper & Row, London
9. French B. & Squire S. (1974) : Human & Economic Geography, Oxford University Press
10. Gillett J. (1988): Urban & Rural Geography, Longman
11. Leong G. C. (1974) : Certificate Physical & Human Geography, Oxford University Press
12. Bennett R. B. (1977) : General Geography in Diagrams, Longman London
13. Knapp, Ross & McCrae (1989): Challenge of the Human Environment, Longman, London
14. Ahirrao W. R. & Others (1992) : A Textbook of Principles of Human Geography, Nirali Prakashan
15. Cain H. R. (1975) : Human & Economic Geography, Longman
16. Chandna R. C. (1992): A Geography of Population, Kalyani Publishers, Ludhiyana
17. Manorama Yearbook (2007) : Malayala Manorama Press, Kottayam
18. Singh S. (2007) : Geography, Tata McGraw Hill
19. India Yearbook (2007) : Government of India Publications
20. Beaujeau - Garnier J. (1966) : Geography of Population, St.Martins Press, NY
21. Majid Hussain (2006): Human Geography

**S.Y.B.A. GEOGRAPHY PAPER III**  
**Fundamentals of Human Geography**  
**Paper pattern for semester III & IV**

**Course Code-UAGR202**

Time: 2 hours

Marks – 60

All questions are compulsory

Q.1 (a) World map/ Map of India /Map of Maharashtra	5
(b) Objective questions	5
Q.2 Practical - construction of diagram or map	10
Q.3 Unit I / V	10
OR	
Q.3 Unit I / V	10
Q.4 Unit II / VI	10
OR	
Q.4 Unit II / VI	10
Q.5 Unit III / VII	10
OR	
Q.5 Unit III / VII	10
Q.6 Unit IV / VIII	10
OR	
Q.6 Unit IV / VIII	10

**Internal Assessment: 40 marks**

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**Total- 60 marks (semester end exam) + Total - 40 marks (Internal assessment)= Grand total-100**