



**Revised Syllabus of**  
**B.Sc. III<sup>rd</sup> Year**  
**Geography**

**Semester-V & VI**  
**[Effective from June 2011 onwards]**

**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.**

B.Sc. Geography (Optional) Course

**B.Sc. Third Year**

Semester V &amp; VI

<b>Semester</b>	<b>Course Code</b>	<b>Paper No.</b>	<b>Title of Paper</b>	<b>Mark</b>
V	GEOG 405	XVII	Geography of Resources	30
	GEOG 406	XVIII	Industrial Geography of Maharashtra	30
	GEOG 407	XIX	Practical IX	50
	GEOG 408	XX	Practical X	50
VI	GEOG 409	XXI	Geography of Natural Calamity	30
	GEOG 410	XXII	Urban Geography	30
	GEOG 411	XXIII	Practical XI	50
	GEOG 412	XXIV	Practical XII	50

**Batch :-** One Batch 12 Student.

**B.A. III Geography  
Semester-V  
Paper No. XVII**

**Mark : 30  
Time: 1 ½ hour.**

**Geography of Resources**

- Unit I : Meaning, Nature and scope of resource Geography, Significance of Natural resources.
- Unit II : Classification of Resources:  
Renewable and non renewable Resources, Biotic : forest, wildlife, Livestock, Abiotic : Land, Water and minerals.
- Unit III : Distribution and utilization of water, mineral, and Energy resource.
- Unit IV : Conservation of major resources:  
Soil, water, forest and minerals.

**Reference book**

- 1. Alexander J.** Economic Geography
- 2. Dasgupta** Economic and Commercial Geography
- 3. Hartshone** Economic Geography
- 4. डॉ. विरुल घारपुरे** साधन संपत्ती भू गोल - २०००

**B.A. III Geography  
Semester-V  
Paper No. XIII**

**Mark : 30  
Time: 1 ½ hour.**

**Industrial Geography of Maharashtra**

- Unit I : Nature, scope and recent developments of Industry in Maharashtra, Elements and factors of localization of Industries.
- Unit II : Distribution and spatial pattern of Industries in Maharashtra.
1. Cotton and Textile Industries.
  2. Sugar can Industries.
  3. Automobile Industries.
- Unit III : Industrial belt in Maharashtra and their characteristics, Impact of Industries on economic development of Maharashtra.
- Unit IV : Role of globalization Industrial sector, shifting of Industries an Its impact on the urban fringe, changing Industrial policy in Maharashtra.

**Reference book**

1. **Alexander J. W.** Economic Geography
2. **Dr. Keche P.J.** Geography of Maharashtra
3. **C.D. Deshpande** Maharashtra

**B.A. III<sup>rd</sup> year Geography  
Semester-VI  
Paper No. XXI**

**Mark : 30  
Time: 1 ½ hour.**

**Geography of Natural Calamity**

- Unit I : Defination, nature and scope of Natural calamities.
- Unit II : Earthquake and volcano, causes and effect, world distribution of earthquake and volcano.
- Unit III : Drought and Floods :-  
1. Metrological drought  
2. Hydrological drought  
3. Agricultural drought  
Causes and effects of drought, draught-prone areas in India, Flood causes and effects, Biological Hazards.
- Unit IV : Global warming and green House effects, Ozone depilation, Pollution Types: Air Water, and Soil.

**Reference book**

- |                                  |                          |
|----------------------------------|--------------------------|
| 1. <b>H. Bobinson</b>            | Biogeography             |
| 2. <b>Elsumderekar</b>           | Atmospheric pollution.   |
| 3. <b>L.R. Sing. R.C. Tiwari</b> | Environmental Management |
| 4. <b>प्रा.वा.र.अहिरांव</b>      | पर्यावरण विज्ञान         |
| 5. <b>डॉ. म.र.जे. .</b>          | पर्यावरण शास्त्र         |
| 6. <b>डॉ. धारपुरे</b>            | पर्यावरण शास्त्र         |

## **B.A. III<sup>rd</sup> year Geography**

### **Semester-VI Paper No. XXII**

**Mark : 30  
Time: 1 ½ hour.**

#### **Urban Geography**

- Unit I : Meaning and scope of urban Geography  
- Origin and Evolution of Towns.  
- Classification of Towns.  
- Functional classification of Towns.
- Unit II : Urban Region of India  
- North western Part  
- Central Part  
- North-eastern Part
- Unit III : Problems of urban Development,  
Population Explosion,  
Lack of Amenities (Water, transportation)  
Land use management.  
Slum Areas, Housing problems  
Unemployment, Environmental problems.
- Unit IV : Theories of urban growth  
1. Concentric zone theory  
2. Sector Theory  
3. Central Place Theory

#### **Reference book**

- |                           |  |
|---------------------------|--|
| <b>1. R.B. Mandal</b>     | Urban Geography a textbook 2000              |
| <b>2. Ali. S.M.</b>       | Settlement or India Desert 1956.             |
| <b>3. Brush J.E.</b>      | Morphology of Indian Cities -1955            |
| <b>4. Dr. S.B. Bansal</b> | Settlement and Population Geography-<br>2008 |

**B.A. III<sup>rd</sup> year Geography**

**Semester-V**

**Practical No. IX**

**Mark : 50**

**Time 2 Hour.**

**Cartography**

- Unit I : Defination, Nature and scope of cartography, and It's importance in Geography.
- Unit II : Representation of statistical data by using following cartographic method.
1. Frequency polygon.
  2. Climatography
  3. Superimposed columnar diagram.
  4. Simple Ergograph.
- Unit III : Representation of Statistical data by using following methods.
1. Cumulative frequency curve.
  2. Compound Bar and Line Graph.
  3. Compound Pyramid
  4. Multiple Bar Diagram.
- Unit IV : Journal and Viva- Voce

**B.A. III<sup>rd</sup> year Geography**  
**Semester-V**  
**Practical Paper No. X**

**Mark : 50**

**Time: 2 hour.**

- Unit I : Defination of contours and relief methods of relief.
- Unit II : Methods of representing relief on the MAP.
1. Bechmark
  2. Hachures, Shadina.
  3. Contours Line.
- Unit III : Representing the Landforms with contours cross section.
1. Cliff
  2. Pleaulic
  3. Conical Nill
  4. Concave slops, convex slope.
  5. Spur.
- Unit IV : Profiles :-
1. Projected Profile.
  2. Superimposed Profile.
  3. Composite Profile.
- Unit V : Journal and Viva – voce.



**B.A. III<sup>rd</sup> year Geography  
Semester-VI  
Practical Paper No. X**

**Mark : 50**

**Time: 2 hour.**

**Field Survey  
(Scio-Eco. Village Survey)**

- Unit I : Defination of field survey, importance of scio-economic village survey.
- Unit II : Cropping pattern of village
- Unit III : Population survey
- Total Population
  - Sex Ration
  - Age Grope
  - Working – Non working population
  - Population Growth Last two sensus.
- Unit IV : Social facilities in village
- School, Bank, P.O. Credit, Soailys etc.
- Unit V : Journal and Via- voce

**B.A. III<sup>rd</sup> year Geography  
Semester-VI  
Practical Paper No. XII**

**Mark : 50**

**Time: 2 hour.**

**Statistics**

- Unit I : Importance of statistics in Geography
- Unit II : Correlation :-  
Types of correlation  
Degree of Correlation.  
Karl Pearson's method of correlation.
- Unit III : Measure of variability.  
- Methods of Limit  
- Method of Average Deviation  
- Graphical method.
- Unit IV : Excursion
- Unit V : Journal and Viva-Voce.

**Dr. Babasaheb Ambedkar Marathwada University Aurangabad.  
Faculty of Science (Geography)**

➤ **Question Paper Pattern**

The question paper for every paper in all subject will have three questions, each carrying 10 marks the time duration each paper will be two hours.

➤ **Internal Assessment (20 Mark)**

The pattern for every paper in all subject for the Internal Assessment will be as follows.

**B.Sc. V and Vi Semester**

1. One Class Test - 10 Mark.
2. One Home Assignment - 10 Mark.

**Practical Paper**

Every paper 50 marks time 2 hours, four questions in every paper  
Batch of the student 20 students.