

**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD**



Revised Syllabus of

B.A. IIIrd Year

Geography

Semester-V & VI

[Effective from 2011-12 onwards]

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

GEOGRAPHY

Curriculum Structure and Scheme of Evaluation for B.A. – III
With effective from 2011-12
SEMISTER V – Subsedari

Sr. No.	Paper Code	Paper No.	Name of Paper	Scheme of Teaching (Periods / Week)				Scheme of Evaluation		
				L	P	Total Credits	Theory	Theory	Practical / Viva-voce	Total Marks
1	GEO 113	Geo. XIII	Physical Geo. Of India	4	-	4	4	30	--	30
2	GEO 114	Geo. XIV	Geography of Environment	4	-	4	4	30	--	30
3	GEO 115	Geo. Prc. XV	Practical- V	-	4	4	4	-	40	40
			Total of Semester – V Sub.	8	4	12	12	60	40	100

SEMISTER V – main

Sr. No.	Paper Code	Paper No.	Name of Paper	Scheme of Teaching (Periods / Week)				Scheme of Evaluation		
				L	P	Total Credits	Theory	Theory	Practical / Viva-voce	Total Marks
1	GEO 116	Geo. XVI	Industrial geography of Maharashtra	4	-	4	4	30	--	30
2	GEO 117	Geo. XVII	Geography of resources	4	-	4	4	30	--	30
3	GEO 118	Geo. Prc. XVIII	Practical- VI	-	4	4	4	-	40	40
			(A) Total of Semester – V Main	8	4	12	12	60	40	100

- Total period per paper , per week -4
- One practical having 4 period
- Practical batch – one batch 20 student

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

GEOGRAPHY

Curriculum Structure and Scheme of Evaluation for B.A. – III

With effective from 2011-12

SEMISTER VI – Subsedari

Sr. No.	Paper Code	Paper No.	Name of Paper	Scheme of Teaching (Periods / Week)				Scheme of Evaluation		
				L	P	Total Credits	Theory	Theory	Practical/ Viva-voce	Total Marks
1	GEO 119	Geo. XIX	Agricultural geography of India	4	--	4	4	30	--	30
2	GEO 120	Geo. XX	Geography of natural calamity	4	--	4	4	30	--	30
3	GEO 121	Geo. Prc. XXI	Practical-VII	-	4	4	4	-	40	40
			Total of Semester – VI Sub	8	4	12	12	60	40	100

SEMISTER VI – main

Sr. No.	Paper Code	Paper No.	Name of Paper	Scheme of Teaching (Periods / Week)				Scheme of Evaluation		
				L	P	Total Credits	Theory	Theory	Practical / Viva-voce	Total Marks
1	GEO 122	Geo. XXII	Urban geography	4	--	4	4	30	--	30
2	GEO 123	Geo. XXIII	Bio-geography	4	--	4	4	30	--	30
3	GEO 124	Geo. Prc. XXIV	Practical-	-	4	4	4	-	40	40
			Total of Semester –VI Main	8	4	12	12	60	40	100

- Total period per paper , per week -4
- One practical having 4 period
- Practical batch – one batch 20 student

**B.A. IIIrd Year
Semester-V- Subsidiary
Paper No.XIII**

Mark : 30

Physical Geography of India

- Unit I** : India in the context of south east and south Asia. India: a land of diversities, unity within diversities, Shape, size, physical land scape of India
- Unit II** : Drainge systems of India their funcnional significance Climate: Regional and seasonal variations of climate. The monsoons.
- Unit III** : Soil types of India their distribution and characteristics
- Unit IV** : Natural Vegetation : Forest types and their distribution. In India.

Suggested Books :

- 1) **C.D. Deshpande** :- India A regional Interpretation Northern Book center New Delhi.
- 2) **Farmer B.H.** :- An Introduction to south Asia Methuen London 1983.
- 3) **Govt of India** :- Reference Annual 2001.
- 4) **Mohammad Shafi** :- Geography of south Asia Mac Millan and co. Calcutta.
- 5) **Singh R.L.** :- India a regional Geography National Geographical society India.
- 6) **Wadia D.N** :- Geology of India Mcmillan and co. London 1967.

**B.A. IIIrd Year
Semester-V- Subsidiary
Paper No.XIV**

Mark : 30

Geography of Environment

- Unit I** : Defination of environment science, nature and scope of environment, Types of environment.
- Unit II** : Ecology, Abiotic or physical factors, Temperature, soil, water, atmosphere, Biotic or Non Physical factors, organism, population and Biotic community.
- Unit III** : Ecosystem cordinal principles of Ecosystem. structure of Ecosystem (Producer, Consumer, Decomposer)
Nutrient Cycling (Carbon cycle, oxygen cycle, Nitrogen cycle)
Function of Ecosystem, Energy flow, food chain, foodweb, Ecological pyramid.
Types of Ecosystem (Natural Ecosystem and Cultural Ecosystem)
- Unit IV** : Problems of Ecosystem and environment
Global warming, food security, Defrostetion, Plastic bags, Acid rainfall.

Paper No. XIV
Reference Book

- | | |
|---|---------------------|
| 1. Environmental Science | Bernarl Nebel |
| 2. Introduction to
Environmental study | J. Turk |
| 3. Environmental Science | W.R. Ahirao |
| 4. Ecology | E.P. Odum |
| 5. Environmental Protection | Parab Diwan |
| 6. पर्यावर ढ विज्ञान | प्रा. वा.र. आहेरराव |
| 7. पर्यावर ढ शास्त्र | डॉ. म ढर जे. `. |
| 8. पर्यावर ढ शास्त्र | डॉ. घारपूरे |

**B.A. IIIrd Year Geography
Semester-V- Main
Paper No.XVI**

Mark : 30

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. Petro chemical Industries
 3. Sugar cane Industries
 4. 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 and its impact on the urban fringe, Changing industrial policy in Maharashtra.

Reference Book

1. **Alexander J.W.** Economic Geography Prentice Hall
Engle wood cliffs 1988.
2. **Dr. Keche P.J.** Geography of Maharashtra.
3. **Dr. C.D. Deshpande** Maharashtra
- 4 **Dr. Subhash Sarang** महाराष्ट्राचा भू गोल

**B.A. IIIrd Year Geography
Semester-V- Main
Paper No.XVII**

Mark : 30

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, fisheries agricultural crops
abiotic-land, water and minerals.
- Unit III** : Distribution and utilization of water, mineral and Energy resources.
- Unit IV** : Conservation of major resources-Soil, Water, forest and minerals.

Reference book

Alexander J. Economic Geography

Dashgupta Economic and Commercial Geography

Hardshone, T.A. Economic Geography

डॉ.विठ्ठल धारपुरे साधन संपत्ती भु गेल 2000

**B.A. IIIrd Year Geography
Semester-VI- Subsidiary
Paper No. XIX**

Mark : 30

Agricultural Geography of India

- Unit I : Nature, scope significance and development of Agricultural geography. Origin and dispersal of Agriculture in India.
- Unit II : Agriculture in India: Agricultural landuse, cropping Pattern, Regional pattern of productivity in India. Agricultural policy in India
- Unit III : Distribution and production of major crops in India
1) Rice 2) Wheat 3) Jowar
4) Cotton 5) Sugarcane 6) Tea
- Unit IV : Green Revolution in India.

Reference Book

1. **Gregor H.P** Geography of Agriculture prentice Hall
New York 1970
2. **Harlshorn T.N. and
Alexander. J.W.** Economic Georaphy Prentice Hall New
Delhi.
3. **Singh J and
Dhillon S.S.** Agricultural Geography Tata Mcgraw
Hill Pub New Delhi 1988.
4. **Tarrant J.R.** Agricultural Geography wiley New York
1974.
5. **Mazid Hussain** Agricultural Geography.

**B.A. IIIrd Year Geography
Semester-VI- Subsidiary
Paper No. XX**

Mark : 30

Geography of Natural Calamities

- Unit I** : Definition Nature and scope of Natural Calamities
- Unit II** : Earthquake, and volcano, causes and effect of Earthquake and volcano, world distribution of earthquake and volcano.
- Unit III** : drought and floods
1. Meteorological drought
 2. Hydrological drought.
 3. Agricultural drought.
- causes and effects of drought, drought-prone-areas
Flood cause and effects
Biological Hazards
- Unit IV** : Global warming and green House effects,
Ozone deflation, Pollution Types, (Air, Water, and Soil)

Paper No.XX
Reference Book

- | | |
|--|---|
| 1. Biogeography | H. Bobinson |
| 2. Environmental Pollution | Kumar and Health Hazardbin
India |
| 3. World Resources | 1990-91 |
| 4. Man, space and
Environment | P.W. English and R.C.
Mayfield |
| 5. Atmospheric pollution | Elsomderekar |
| 6. Environmental Management | L.R. Singh , R.C. Tiwari and
R.P. Shrivastav |
| 6. पर्यावरण विज्ञान | प्रा. वा.र. आहरेराव
प्रा. अलिझाड |
| 7. पर्यावरण शास्त्र | डॉ. मारजे . |
| 8. पर्यावरण शास्त्र | डॉ. घारपुरे |

**B.A. IIIrd Year Geography
Semester-VI- Main
Paper No. XXII**

Mark : 30

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
Southern India
- Unit III** : Problems of Urban Development
Population Explosion
Laks of Amenities (Water, Transprot)
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 Books of Paper No. XXII

1. R.B. Mandal Urban Geography A textbook 2000
2. Ali S.M. the term of Indian Desert 1956
3. Brush John. E. Morphology of Indian Cities 1962
4. Nand Kishor A study in Urban Geography 1955
5. Dr.S.B.Bansal Settlement and Population Geography

B.A. IIIrd Year Geography
Semester-VI- Main
Paper No.XXIII

Mark : 30

Biogeography

- Unit I** : Nature, Scope and significance of Biogeography.
- Unit II** : Environment, Habitat and plant animal association, Biome types. Darwins Theory of Evolution.
- Unit III** : Elements of Plant geography, distribution of forests, successions in newly Formed landforms. Examples from flood plains and Glacial fore fields.
- Unit IV** : Zoogeography and its Environmental Relationship Ecosystem forms and function. National forest Policy of India

Reference Book

- 1 Agarwal D.P.** Man and Environment in India Through Ages Book and books 1992.
- 2 Bradshaw M.J.** Earth and Living Planet ELBS London.
- 3 Gaur R.** Environment and Ecology of Early man in Northern India R.B. Publication corporation 1987.
- 4 Hugget R.J.** Fundamentals of Biogeography Rout ledge U.S.A. 1998.
- 5 Mathus H.S.** Essentials of Biogeography Anju Printers Jaipur 1998.

**B.A. IIIrd Year Geopgraphy
Particlr Syllabus
Semester V Subsedari**

Mark : 40

**Practical No.
Paper No. XV**

- Unit I** : Located Windrose diagram.
Located Proportional Circle Map.
- Unit II** : Located Square Diagrams
Superimposed Columan diagram.
- Unit III** : Frequency Polygon
Histogram
- Unit IV** : journal and viva –voce

**B.A. IIIrd Year Geopgraphy
Particlr Syllabus
Semester V Main**

Mark : 40

Practical No. XVIII

- Unit I** : Chain /Tape Survey
Trangulation, Open Traverse Method.
- Unit II** : Plane table survey
Radiation, Intersection, open Traverse
- Unit III** : Field Works
Geographical Spot Observation. or Sco-eco Village
Survey
- Unit IV** : Journal, open Viva-voce

**B.A. IIIrd Year Geopgraphy
Particle Syllabus
Semester VI Subsedari**

Mark : 40

Practical No. XXI

- Unit I** : Mean, Median & mode
- Unit II** : Mean Deviation, Standard deviation, Quartile Deviation.
- Unit III** : Co-relation : Spear month and Karl Pearson's Methods
- Unit IV** : journal and viva –voce

B.A. IIIrd Year Geopgraphy

**Particle Syllabus
Semester VI Main**

Mark : 40

Practical No. XXIV

- Unit I** : Prismatic Compass Survey Open Traverse and Closed Traverse
- Unit II** : Bearing, FB.B.B, R.B. WCB, Correction of Bearing. Closing Errors by Bowditch Method.
- Unit III** : Excursion :
visit to Geographical Places.
And Report Writing.
- Unit IV** : journal and viva –voce
- **One Practical 4 Periods**
 - **Batch :- One Batch having 12 Student**

- 1) Elements of Praticle Geography - Singh R.L
- 2) Statistical Geography – Zamir Alvi
- 3) Statistical Geography – Negi B.S.
- ४) प्रात्यशि भू गोल - डॉ. ुंभार
- ५) प्रात्यशि भू गोल डॉ.ना ततोडे