

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



Revised Syllabus of

B.A. IInd Year

Geography

Semester-III & IV

(with Credit & Semester Pattern)

[Effective from 2010-11 onwards]

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

GEOGRAPHY

**Curriculum Structure and Scheme of Evaluation for B.A.II
With effective from 2010-11**

SEMISTER III									
Sr. No.	Course Code	Name of Subject	Scheme of Teaching (Periods / Week)				Scheme of Evaluation (Marks)		
			L	P	Total Credits	Theory	Theory	Practical/ Viva-voce	Total Marks
1	Geo. 107	Climatology	4	-	4	4	30	--	30
2	Geo. 108	Population Geography	4	-	4	4	30	--	30
3	Geo. 109	Practical – IX Paper	-	4	4	4	-	40	40
(A) Total of Semester – III			8	4	12	12	60	40	100

SEMISTER - IV

Sr. No.	Course Code	Name of the Subject	Scheme of Teaching (Periods / Week)				Scheme of Evaluation		
			L	P	Total Credits	Theor y	Theory	Practical/ Viva-voce	Total Marks
1	Geo. 110	Oceanography	4	--	4	4	30	--	30
2	Geo. 111	Settlement Geography	4	--	4	4	30	--	30
3	Geo. 112	Practical- XII Paper	-	4	4	4	-	40	40
(B) Total of Semester – IV			8	4	12	12	60	40	100

**DR. BABASAHEB AMBEDKAR MARATHWADA
UNIVERSITY, AURANGABAD.
STRUCTURE OF THE B.A. SECOND YEAR
SYLLABUS GEOGRAPHY PAPERS
(SEMESTER PATTERN)**

Semester - III

Paper No.	Title of the Paper	Total Marks	No. of Periods Week
Paper – VII	Climatology	30	04
Paper – VIII	Population Geography	30	04
Practical – IX Paper	Practical Geography	40	04

❖ Total Periods per week = 12
One Practical having 04 periods

Semester - IV

Paper No.	Title of the Paper	Total Marks	No. of Periods Week
Paper – X	Oceanography	30	04
Paper – XI	Settlement Geography	30	04
Practical – XII Paper	Practical Geography	40	04

Total Periods per week = 12
One Practical having 04 periods

**Chairman
BOS in Geography**

B.A. II, Semester – III
Paper - VII
Climatology

Unit I	: Weather and Climate – Definition, nature and scope of Climatology, Significance of Climatology, Composition and structures of atmosphere, weather and climate.	Mark : 30 Periods-10 Marks-6
Unit II	: Insolation and Temperature – Definition of Insolation and Temperature, Heat Budget of the Earth, Factors affecting the distribution of Solar energy, Distribution of Temperature – Vertical and Horizontal, Range of Temperature.	Periods – 20 Marks- 08
Unit III	: Atmospheric Pressure and Winds- Evaporation and Condensation, Hydrological cycle, Types of precipitation, World pattern of rainfall. regional and seasonal distribution, Air Masses and Fronts :Concept, Classification and properties. Atmospheric disturbance : Tropical and Temperate cyclones: thunderstorms and tornadoes.	Periods-20 Marks-08
Unit IV	: Role of Climate in human life:- Atmosphere pollution and global warming, general causes, consequences and measures of control.	Periods-10 Marks-08

Recommended Books -

- 1] Barry R.G. and Chorley R.J. : Atmosphere, Weather and Climate, Routledge. 1998.
- 2] Critch Field H. : General Climatology, Prentice, Hall, New York, 1975.
- 3] Lydolph, Paul, E. : The Climate of the Earth, Rowman and Allanheld, Totowa N.J. 1958.
- 4] Triwartha G.T. : An Introduction to Climate, International Student's edition, McGraw- Hill, New York, 1975
- 5] डॉ.जयु मार म र : हवामानशास्त्र.
- 6] प्रा. `चे व प्रा. सपदी :- हवामानशास्त्र.

B.A. II, Semester – III
Paper- VIII
Population Geography

Mark : 30

Unit I	: Population Geography – Definition, nature, scope and Significance, Sources of population data.	Periods-10 Marks-06
Unit II	: Distribution of population – Factors affecting on population distribution and density. Population distribution patterns – World and India. Density, mortality and fertility population regions of the World..	Periods – 20 Marks-08
Unit III	: Composition of Population – Age and sex composition, rural- urban composition, Economic composition; determinates, World regional patterns; Composition, of population in India.	Periods-20 Marks-08
Unit IV	: Migration – Meaning, classification and their determinates and consequences of migration, Migration in India.	Periods-10 Marks-08

Recommended Books -

- 1] Beaujeu Granier J. : Geography of Population, Longman, London, 1966.
- 2] Chandana R.C. : Geography of Population, Kalyani Pub. Ludhiyana, 1988.
- 3] Clark John I. : Population Geography, Permagon Press, New Yourk, 1995.
- 4] Ghosh B.N. : Fundamentals of Population Geography.
- 5] Peters G.I. and Larkim R.P. : Populatin Geography – Problems, concepts and prospects, Kendele Hunt Lowa, 1979.
- 6] Sawant and Athawale A.S. : Population Geography, Metha, Kolhapur.
- 7] Smith T.L. (1960) : Fundamental of Population Studies, Lipineott, London.

**B.A. II Year, Semester – III
Paper- Practical Geography
Paper - IX**

Mark : 40

Unit I	: Earth, shape, size, area and great circle, co-ordinate system, plane spherical latitude, longitude direction and distance map design.	Period -20 Marks -10
Unit II	: Map Projection- Definition of Map Projection, Classification & necessity of Map Projection.	Period -20 Marks -10
Unit III	: Construction, Properties, Uses and choice of the following Map Projections: 1. Simple Cylindrical Projection. 2. Cylindrical Equal Area Projection. 3. Simple Conical Projection. 4. Conical Projection with Two Standard Parallel. 5. Zenithal Polar Gnomonic Projection. 6. Zenithal Equal Area Projection.	Period -20 Marks -10
Unit IV	: Journal and Viva – Voce	Marks -10

Recommended Books :

- 1] Monkhouse F.G. & Willinson H.R. : Maps and Diagrams, Methues, London, 1994.
- 2] Singh R.L. : Elements of Practical Geography, A Kalyani Pub. New Delhi.
- 3] Steers J.A. : Map Projections, University of London Press, London.
- 4] Bygoot J. : An Introduction to Map Work and Practical Geography, University Tutorial, London, 1964.
- 5] Sarkar, A.K. : Practical Geography- A Systematic approach, Orient Longman, Culcutta, 1997.

B.A. II, Semester – IV
Paper – X
"Oceanography"

Mark : 30

Unit I	: Introduction of Oceanography – Definition, Nature and Scope, Surface configuration of Ocean floors.	Period -10 Marks -06
Unit II	: Submarine Relief- General idea of submarine relief- Continental shelf, Continental slope, Abyssal plains, Oceanic trenches and deeps, Hypsographic Curve, Relief of Atlantic, Pacific and Indian Oceans.	Period -20 Marks -08
Unit III	: Salinity and Temperature of Oceanic Water- Salinity of ocean water, its meaning, causes of salinity, Factors affecting on salinity of oceanic water, Distribution of salinity in the World. Factors affecting the temperature of ocean water, Distribution of temperature in ocean water.	Period -20 Marks -08
Unit IV	: Marine Deposits and Coral Reefs- Ocean deposits- Shallow sea deposits, Deep sea deposits, Types of Corals. Ocean as a storehouse of resources for the future.	Period -10 Marks -08

Recommended Books :

- 1] Grald S. : General Oceanography – An Introduction, John Wiley & sons, New York, 1980.
- 2] Garrison T. : Oceanography, Words worth, Com. USA, 1998
- 3] Sharma and Vithal : Oceanography.
- 4] Savindra Singh: Oceanography.
- 5] Davis Richard J. : Oceanography- An Introduction to Marine Environment, W.M.C. Brooth Flowa, 1987.
- 6] Hussain M. : Climatology and Oceanography.

B.A. I, Semester – IV
Paper – XI
"Settlement Geography"

Mark : 30

Unit I	: Settlement Geography – Nature, scope and content. Definition of rural and urban Settlements, merits and limitations.	Period -10 Marks -06
Unit II	: Settlement site and structure – Internal Morphology, external forms, field patterns, Functions and house types.	Period -20 Marks -08
Unit III	: Spatial organization – Size, spacing and hierarchy of settlements; emergence and characteristics of urban settlement.	Period -20 Marks -08
Unit IV	: Silent features of human settlements in India.	Period -10 Marks -08

Recommended Books :

- 1] Bose A. : India's Urbanization 1947-2000, Tata McGraw Hill, New Delhi.
- 2] Carter H. : The Study of Urban Geography, Edward Arnold, London.
- 3] Chisholm M. (1972): Rural Settlement and Land use, London.
- 4] Clot R.D. (1970) : Rural Geography, Pergaman Press, London.
- 5] Singh R.L. Reading in Rural Geography. Banaras Hindu University, Varansashi.
- 6] Singh R.Y. (1994) : Geography of Settlement, Rawat Publication, Jaipur and New Delhi.
- 7] Turner Roy (1962) : Indian Urban Future, Oxford University Press, Bombay.

B.A. II, Semester- IV
Paper- Practical Geography
Paper No. – XII

Total Mark : 40

Unit I	: Cartography – Definition, Nature and Scope of Cartography. Importance of Cartography.	Period -20 Marks -10
Unit II	: Representation of statistical data by using following Cartographic Techniques: 1] Climograph 2] Hythergraph 3] Star Diagram 4] Traffic Flow Cartogram 5] Cube Diagram 6] Erograph.	Period -20 Marks -10
Unit III	: Representation of Statistical data by using following methods: 1] Line and Bar Graph 2] Divided Rectangle 3] Divided Circle 4] Proportional Circle 5] Dot Maps 6] Choropleth Maps 7] Isopleth Maps.	Period -20 Marks -10
Unit IV	: Journal and Viva- voce.	Marks -10

Recommended Books :

- 1] Pal S.K. : Statistics for Socio-Sciences, Techniques and Application, Concept, New Delhi, 1998.
- 2] Misra R.P. and Ramesh : A Fundamentals of Cartography, McMillen Co. New Delhi, 1986.
- 3] Monkhouse F.J. : Maps and Diagrams.
- 4] Robinson A.H. : elements of cartography, John Waley and Sons, USA, 1995.
- 5] Singh and Kanoujia : Map Work and Practical Geography.