

**SWAMI RAMANAND TEERTH MARATHWADA
UNIVERSITY, NANDED.**

SYLLABUS

GEOGRAPHY

B.A. SECOND YEAR

SEMESTER PATTERN

WITH EFFECT FROM JUNE, 2010

Geography

B. A. S. Y.

Semester	Paper No.	Title of Paper	Marks	Periods per week	Duration of Examination
Sem. III	IV	Introduction to Human Geography	50 40+10(Int.)	05	02 Hrs
Sem. IV	V	Climatology	50 40+10(Int.)	05	02 Hrs
Sem. III and IV	VI	Practical in Geography			
		Practical – I	50	03(Perbatch)	03 Hrs
		Practical – II	50	03(Perbatch)	03 Hrs

In old pattern there were two theory papers and one practical paper whereas in new pattern one theory paper and one practical paper containing two practicals have been introduced. Part of old theory paper is included in practical and some part in theory paper. Therefore, teaching workload will be of five periods for theory and six periods (3+3) for practical per week.

internal examination pattern for theory paper : Test = 5 marks and Tutorial 5 marks.

1. Strength of students for each practical batch for each paper shall not be more than 20 (Twenty) .
2. Submission of certified journal is compulsory.
3. Total periods for each theory paper shall be 60 per semester.
4. Total periods for each practical paper of 50 marks shall be 90 per year.
5. Practical examination will be held in second term .

B. A. Second Year

Semester : III

Paper – IV

Introduction to Human Geography

Unit – I

15 Periods

- a. Definition, nature and scope of Human Geography. Branches of Human Geography.
- b. Dichotomy in Geography : Physical and Human geography.
- c. Primitive life-style of mankind and subsequent migration.

Unit – II

15 Periods

Concepts of man and environment relationship

- a. Environmentalism / Determinism
- b. Possibilism
- c. Stop and go determinism

Unit – III

10 Periods

Economic activities

- a. Primary activities
- b. Secondary activities
- c. Tertiary activities
- d. Quarternary activities

Unit – IV

20 Periods

Human adaptation to environment

- a. Cold region – Eskimos
- b. Hot region – Bushmen
- c. Plateau region – Gonds
- d. Hilly and mountainous region – Naga, Toda and Bhill

Reference Books:

1. Carr, M. : Patterns, Process and change in Human Geography MacMillan Education, London, 1987.
2. Fellman, J.L. : Human Geography – Landscapes of Human Activities Brown and Benchman pub, U.S.A. 1997.
3. DeBlij, H. J. : Human Geography, Culture, Society and Space John Wiley, New York, 1996.
4. Johnston, R.J. : Dictionary of Human Geography Blackwell, Oxford, 1994.
5. Mc Bride, P.J. : Human Geography, Systems, Patterns and Change, Nelson, U.K. and Canada, 1996.
6. Michael, Can : New Patterns: Process and Change in Human Geography
7. Rubenstein, J.H and Bacon, R. S. : The Cultural Landscape – an Introduction to Human Geography, Prentice Hall, India, New Delhi, 1990.
8. Singh, K.N. : A People of India, An Introduction seagull Books, 1992.
9. Spate, O.H.K. and Learmanth, A. T. A. : India and Pakistan Methuen, London, 1968.
10. Singh R.Y. : Geography of Settlements

Other Readings:

1- "kōj "kŝ l j'sk Qy\$ vkeidk" k "kgkij dj % ekuoh Hkksy

2- l iniku tk/ko] vkeidk" k "kgkij dj] ukend xtjs% ekuoh Hkksy

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B. A. Second Year

Semester : IV

Paper – V

Climatology

Unit – I

15 Periods

- a) Definition, nature and scope of Climatology.
- b) Elements of weather and climate.
- c) Composition and structure of the atmosphere.

Unit – II

15 Periods

- a) Atmospheric temperature – Insolation, vertical and horizontal distribution of temperature.
- b) Atmospheric pressure - Vertical and horizontal distribution of pressure.
- c) Types of winds – Planetary, periodic and local winds.

Unit – III

15 Periods

- a) Humidity, evaporation and condensation.
- b) Types of precipitation, concept of monsoon and distribution of rainfall in India.
- c) Air Masses Classification and properties.

Unit – IV

15 Periods

Major climates of the world

- a) Tropical b) Temperate and c) Desert.

Reference Books :

- 1) Barry, R.G. and chorely R.J. : Atmosphere, Weather and Climate, Routledge, 1998.
- 2) Critchfield ,H : General Climatology, Prentice – Hall, New York, 1975.

- 3) Das,P.K : The Monsoons, National Book Trust, New Delhi, 1968.
- 4) Mather,J.R : Climatology, Mc Graw –Hill,New York, 1974.
- 5) Patterson,S ; Introduction to Meteorology,McGraw – Hill Book Co, London, 1959.
- 6) Trewartha, G.T. An Introduction to Climate, International students edition McGraw – Hill, New york 1980.

Other Readings :-

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2½ dkyrs dsVh % goeku"kkL=

3½ exj t ; døkj % goeku"kkL=

B. A. Second Year
Paper – VI
Practicals in Geography
Cartography and statistical Techniques
Semester III and IV
Practical paper – I
Semester III

Unit – I **15 Periods**

Two Dimensional Diagrams

- a) Divided Rectangle b) Wheel Diagrams
C) Proportional Squares d) Proportional Circles

Unit – II **15 Periods**

Three Dimensional Diagrams

- a) Cube Diagrams b) Proportional Spheres
C) Block Piles d) Pictograms

Unit – III **20 Periods**

Located Diagrams

- a) Square Diagrams b) Circle Diagrams
C) Cube Diagrams d) Sphere Diagrams

Semester IV

Unit – IV **20 Periods**

Distributional Maps

- a) Isopleth Maps b) Choropleth Maps
C) Dot Maps d) Flow -line Maps

Unit – V

20 Periods

Statistical Methods

Measurements of central tendencies – Mean, Median and mode from simple, discrete and continuous series.

Reference Books:

1. Khan, Z.A. : Text Book of Practical Geography concept, New Delhi, 1998.
2. Lawrence, G.R.P. : Cartography Methods Methuen, London, 1968
3. Mishra, R.P. & Ramesh A. : Fundamentals of Cartography, McMillan Co. New Delhi, 1986.
4. Monkhouse, F.J. & Wilkinson, H.R. : Maps and Diagrams Methuen, London, 1994.
5. Sarkar, A.K. : Practical Geography A Systematic Approach Orient Longman, Calcutta 1997.
6. Singh, R.L. : Elements of Practical Geography Kalyani Publication, New Delhi.

Other Readings :

- 1- "kezt ts ih % i k; kfxd Hkksy
- 2- vkfgjjko Mh ok; o djat [kys b- ds % i k; kfxd Hkksy
- 3- vtq dkkj % i k; kfxd Hkksy

B. A. Second Year

Paper – VI

Practicals in Geography

Techniques in Population Geography

Semester III and IV

Practical paper – II

Semester III

Unit – I

20 Periods

Density of Population

- a) Arithmetic Density b) Physiological Density
- c) Agricultural Density d) Rural Density
- e) Urban Density

Meaning, calculation and interpretation of the results

Unit – II

10 Periods

- a) Urbanization b) Rurality Index

meaning, calculation and interpretation of the results

Unit – III

15 Periods

Growth of Population

- a) Net population Growth b) Natural Population Growth
- c) Population Growth Rate
- d) Average Annual Population Growth Rate.

Meaning, calculation and interpretation of the results

Question paper pattern
B.A.. Second Year
Paper VI
Practicals in Geography
Cartography and statistical Techniques

Time- 3Hours

Practical I

Marks 50

- Q.1 Two Dimensional Diagrams
- a) Any one diagram (04)
 - b) Any one diagram (04)
- Q.2 Three Dimensional Diagrams
- a) Any one diagram (04)
 - b) Any one diagram (04)
- Q.3 Located Diagrams
- a) Any one diagram (04)
 - b) Any one diagram (04)
- Q.4 Distributional maps
- a) Any one map (04)
 - b) Any one map (04)
- Q.5 Statistical methods
- a) Mean/ Mode/median (04)
 - b) Mean/ Mode/median (04)
- Q.6 Viva –voce and Journal (10)

Question paper pattern

B.A.. Second Year

Paper VI

Practicals in Geography

Techniques in Population Geography

Time- 3Hours	Practical II	Marks 50
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Q1. Density and Urbanization		
a) ----Any one-----		05
b) ----Any one-----		05
Q2. Growth of Population and Rurality Index		
c) ----Any one-----		05
d) ----Any one-----		05
Q3. Birth Rate and Sex Ratio		
e) ----Any one-----		05
f) ----Any one-----		05
Q4. Death Rate and Literacy		
g) ----Any one-----		05
h) ----Any one-----		05
Q5. Viva-Voce and Journal		
		10