

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

**SYLLABUS**

**GEOGRAPHY**

**B.A. FIRST YEAR**

**SEMESTER PATTERN**

**With effect from June, 2009**

# Geography

## B A F Y

Semester	Paper No.	Title of Paper	Marks	Periods per week	Duration of Examination
Sem I	I	Introduction to physical Geography - Part – I	50 40+10(Int)	*05	02 Hrs
Sem II	II	Introduction to physical Geography - Part – II	50 40+10(Int)	*05	02 Hrs
Sem I & II	III	Practical's in Geography Practical Paper –I Practical Paper - 2	50 50	*03(Per Batch) *03(Per Batch)	03 Hrs 03 Hrs

\* In old pattern there were two theory papers and one practical whereas in new pattern one theory paper and one practical paper containing two practicals have been introduced. Part of old theory paper is diverted in practical and some part in theory paper. Therefore teaching work load will be of five periods for theory and six periods ( 3+3) for practical.

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 and village/ City/tour visit report is Compulsory.
3. Students shall not be allowed for practical examination without certified journal .
4. Total periods for each theory paper shall be 60 per semester.
5. Total periods for each practical paper of 50 marks shall be 90 per year.
6. Practical examination will be held in Second Semester.

## **B.A. First Year**

### **Semester – I**

#### **Paper – I**

### **Introduction to Physical Geography – Part – 1**

Unit – I 20 periods

- a. Definition, Nature and scope of physical geography
- b. Origin of solar system
- c. Earth's rotation and revolution and it's effects.

Unit – II 20 periods

- a. Interior of the earth
- b. Wegner's theory of continental Drift
- c. Rocks : Types, origin and composition

Unit – III 20 periods

Geomorphic Processes :

Exogenic processes – weathering, erosion, transportation and deposition.

#### **Reference Books :-**

1. Dayal P.A. : Text book of Geomorphology
2. Dury, G.H. : The face of the Earth
3. Emst, W.G : Earth systems
4. ICSSR : A survey of Research in physical Geography
5. Kale V. and Gupta A. : Elements of Geomorphology
6. Monkhouse F.J. : principles of physical Geography
7. pitty A. : Introduction to Geomorphology
8. sharma H.S. : Tropical Geomorphology

9. Singh S. : Geomorphology
10. Small R.J. : The study of Land forms
11. Sparks B.W. : Geomorphology
12. Steers J. A. : The Unstable Earth, Some recent views in  
Geography
13. Strahler A.N. : Environmental Geo-Science
14. Strahler A. N. and : modern physical Geography  
Strahler A. N.
15. Summerfield M. A : Global Geomorphology
16. Thornbury W. D. : Principals of Geomorphology
17. Wooldridge S.W. : The Physical Basis of Geography – An outline of  
And Morgan R.S. Geomorphology
18. Wooldrige S.W. : The Geographer as Scientist
19. R.N. Tikka : Physical Geography

**Other Readings:**

- 1- Hkw Ik"kkL= %MkW ekgu nRrk«; rkoMs
- 2- I kekU; o HkkSrd HkwkkL«k %MkW v- fo- mGkHkk ts
- 3- Hkw Ik"kkL«kkph enyrRos %MkW t; d«kj exj
- 4- ikdfrd Hkwksy % ik- "kV} ik- Qy} ik- "kgkiydj
- 5- ikdfrd Hkwksy %MkW ekgu nRrk«; rkoMs
- 6- ikdfrd Hkwksy % ik- l q iz nkrs
- 7- Hkw/kdfr foKku % ; kno th ih- vkj- jkel j'sk



**B.A.First Year**  
**Paper III**  
**Practicals in Geography**  
**Semester- I & II**  
**Practical Paper – I**  
**Semester - I**

**Unit – I**

**20 Periods**

- a. Representation of scale : i. Liner, R.F. and statement
- b. Conversion of Scale : R.F. To verbal and Verbal to R.F.
- c. Construction of scale
  - i. Simple, Time and Distance scale

**Unit – II**

**20 Periods**

- a. Methods of showing relief: Hachures, Shading, layer tints, contours, bench mark, spot height and trig point.
- b. Representation of different landforms by contours
- c. Slopes, Conical hill, Plateau, Ridge, Pass, Cliff, 'U' shaped valley, 'V' shaped valley and Spur.

**Practical Paper – I**  
**Semester- II**

**Unit – III**

**20 Periods**

Study of survey of India topographical maps

- a. Conventional signs and symbols
- b. Interpretation of SOI topo-sheets of hilly, Plateau and plain area in respect of

- (i) Relief, (ii) Drainage, (iii) Settlement and (iv) Communication

**Unit – IV**

**20 Periods**

Use of Line and Bar graph for representing population, agriculture, industry and transport data.

- a. Line Graph – Simple and multiple
- b. Bar Graph – Simple, compound and multiple (Vertical)

**Unit – V**

**10 Periods**

**Field Work :**

Organise one day field visit to collect field data. Field work report should be prepared based on collected data and it should be submitted in practical examination. Main objective of the field work is to provide the students with the understanding of ground reality of a chosen site i.e. village/town/tourist site by observation. One aspect such as geomorphic forms and processes, landuse, irrigation, economic activities, village morphology, population characteristics etc. should be selected for field work.

**Note :**

1. Strength of students for each Practical batch shall not be more than **20 (twenty)**.
2. Student shall **not** be **allowed** for practical examination **with out certified journal** and **filed visit report**.
3. Total periods for each practical paper of **50** marks shall be **90** per year.
4. Practical examination will be held in second semester.

**Reference Books:**

1. Khan Z.A. : Text Book of Practical Geography
2. Lawrence, G.R.P. : Cartography methods
3. Mishra, R.P.& Ramesh A. : Fundamentals of Cartography
4. Monkhouse, F.J. & Wilkinson H.R. : Maps and Diagrams
5. Sarkar, A.K. : Practical Geography a Systematic approach
6. Singh R.L. : Elements of practical geography

**Other Readings :**

- 1- i k; kfxd Hkksy % "kekZ ts ih
- 2- i kR; f{kcd Hkksy % MkW vkfgjjko Mh- ok; o i k- djat [kys b- ds



**B.A. First Year  
Paper - III  
PRACTICALS IN GEOGRAPHY  
Semester I & II  
Practical Paper – II  
Semester – I**

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**Total Periods :90**

**Unit : I** Climatic graphs and diagrams **20 periods**  
 1. Line graph, Bar graph ( simple and multiple.)  
 2. Climograph.  
 3. Hythergraph.  
 4. Star diagram

**Unit : II** Weather Instruments ( mchanism, function and use ) **30 periods**  
 1. Minimum and maximum thermometer.  
 2. Dry and wetbulb thermometr.  
 3. Hair - hygrometer.  
 4. Aneroid Barometer.  
 5. Rainguage.  
 6. Wind - vane.  
 7. Cup Anemometer.

**Paper –II  
Semester - II**

**Unit : III** Study of Indian daily weather reports ( maps ) **20 periods**  
 1. Weather signs and symbols.  
 2. Shapes of Isobars on weather maps  
 a) Cyclone  
 b) Anticyclone  
 c) Secondary depression.  
 d) ‘V’ shaped depression ( Trough of low pressure )  
 e) Wedge  
 f) Col.  
 3. Interpretation of Indian Daily Weather maps one each from winter summer and rainy season.

**Unit IV** **20 periods**  
 1. Pyramid diagrams for the representation of population data.  
 a) Simple pyramid  
 b) Compound pyramid.  
 c) Superimposed pyamild.

2. Degree of dispersion of rural settlements by Demangaon and Debouveries.
3. Centrality index by W. Christaller.

**Question Paper Pattern (Theory)**  
**Class : B.A.F.Y.**

**Subject – Geography**

**Time: 2 Hrs.**

**Total Marks : 40**

1) All questions carry equal marks.

2) Attempt all questions.

Q 1 ----- Long Answer Type Question ----- 10

OR

----- Long Answer Type Question -----

Q 2 ----- Long Answer Type Question ----- 10

OR

----- Long Answer Type Question -----

Q 3 Answer any two of the following 10

a) ----- Short Answer Type Question -----

b) ----- Short Answer Type Question -----

c) ----- Short Answer Type Question -----

Q 4 Short notes. (Attempt any two) 10

i -----

ii -----

iii -----

iv -----