

GEOGRAPHY SYLLABUS

III SEMESTER – W.E.F.2016-17S

Paper 301 Physical Geography-II

Maximum Marks : 100
External Assessment: 75
Internal Assessment: 25
Time : 3 Hours

Note: 1. There will be eight short Questions in part-A. The candidate has to attempt five questions. Each question carries five marks.

2. Answer the questions with internal choice from part-B. The candidate has to answer one question from each SET. Each question carries ten marks.

Unit-I

1. Weather and Climate; Origin, composition and structure of atmosphere.
2. Insolation, Global heat budget, Horizontal and vertical distribution of temperature, inversion of temperature.

Unit-II

1. Atmospheric pressure- measurement and distribution, pressure belts, planetary winds, Monsoon and Local winds.

Unit-III

1. Humidity- measurement and variables, evaporation, condensation, precipitation forms and types and distribution.

Unit-IV

1. Climate classification by Koppen; Climatic change and global warming.

Unit-V

1. Configuration of oceanic floors, Temperature and Salinity of ocean, Land and water distribution.
2. Tides, waves, ocean currents and oceanic resources.

Suggested Readings:

1. Barry, RG and Chorley R.J., Atmosphere, Weather and Climate, Routledge, 1998.
2. Critchfield, H., General Climatology, Prentice-Hall of India, 2002.
3. King, C. Oceanography for Geographers, Edward Arnold, London, 1975.

4. Trewartha, GT: An Introduction to Climate, Mc-Graw Hill, New York, 1981.
5. Trewartha, G.T., The Earth's Problems Climates, University of Wisconsin Press, USA.

Paper – 302 Representation of Climatic Data

Maximum Marks: 50

Time : 3 Hours

Distribution of Marks

Record File = 50

Viva-voce

1. Collection of Climatic data.
2. Representation of temperature and rainfall.
 - (i) Line and Bar Graph – 1 Exercise.
 - (ii) Distribution of temperature (180 therms) – 1 Exercise.
 - (iii) Distribution of rainfall (180 hytes) – 1 Exercise.
 - (iv) Hythergraph - 1 Exercise.
2. Climograph (wet and dry places) - 2 Exercise.
3. Weather map Interpretation (January & July) - 2 Exercise.

Suggested Readings:

1. Singh, R.L., 1979. Elements of Practical Geography, Kalyani Publisher, New Delhi.
2. Gregory S. 1963. Statistical Methods and the Geography, Longman, London.
3. Khan, A.A. 1996. Text Book of Practical Geography, Concept, New Delhi,.
4. Lawrence, G.P. 1968. Cartographic Methods, Methuen, London,.
5. Monkhouse, F.J. and Wilkinson, H.R. 1994. Maps and Diagrams, Methuen, London,
6. Pal. S.K. 1998: Statistics for Geoscientist- Techniques and Applications, Concept Publication, New Delhi,.
7. Sarkar, A.K 1997: Practical Geography-A Systematic Approach, Orient Longman, Calcutta,.

MODEL QUESTION PAPER
B.A/B.Sc Degree Examination
GEOGRAPHY- III SEMESTER – W.E.F. – 2016-17
Paper: 301- Physical Geography - II
(Effective from 2015-2016 admitted batch)

Time: 3 hours

Max.Marks:75

Part-A

Answer any five from the following questions

(5x5=25 Marks)

Each question carries 5 Marks.

1. Weather and Climate
2. Water vapor and dust particles
3. Insolation
4. Pressure belts
5. Condensation
6. Global warming
7. Land and water distribution
8. Oceanic resources

Part-B

Answer the following with internal choice

(5x10=50 Marks)

Each question carries 10 Marks

9. Discuss in detail on the structure of atmosphere.

Or

10. Write a brief note on the global heat budget.

11. What is inversion of temperature? Discuss various types.

Or

12. What is Monsoon? Explain its mechanism.

13. Write an essay about humidity and its variables?

Or

14. Describe the various forms and types of precipitation.

15. Critically analyse Koppen's climatic classification.

Or

16. Give a detailed account on the climatic change of the world.

17. What is salinity? Describe the controlling factors.

Or

18. Write a brief account on the currents of Atlantic ocean.