

# UNIVERSITY OF THE PUNJAB



Part-I      A/2016  
Examination:- M.A./M.Sc.

Roll No. ....

**Subject: Geography (New Course)**  
**PAPER: I (Geography: Traditions & Concepts)**

**TIME ALLOWED: 3 hrs.**  
**MAX. MARKS: 80**

***NOTE: Attempt any FOUR questions. All questions carry equal marks.***

- Q.1: Abnormal Population Growth is real threat to the Environment: Discuss.
- Q.2: Give a general survey of the Geographic work done in the era of Greeks & Romans.
- Q.3: Define culture, discuss its major component. How do cultural trades defuse?
- Q.4: (a) Discuss the Push and Pull factors of urbanization in the world.  
(b) Water is the oil of future: Discuss.
- Q.5: What is Tourism? Discuss its major types. How can we promote Tourism as an industry in Pakistan?
- Q.6: What are the major reasons of Global Warming in the world?
- Q.7: Write Brief notes on any TWO of the following:
- Indo-European Languages
  - Man Environmental Relationship
  - Contributions of Humbolt & Ritter in Geography



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Examination:- M.A./M.Sc.

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**Subject: Geography (New Course)**  
**PAPER: II (Environmental Geography)**

**TIME ALLOWED: 3 hrs.**  
**MAX. MARKS: 80**

***NOTE: Attempt any FOUR questions. All questions carry equal marks.***

- Q.1 Write an essay on the major environmental hazards of Pakistan. 20
- Q.2 Define Environmental Geography and discuss its scope and importance. 20
- Q.3 Discuss the process of soil erosion and methods of conservation in detail. 20
- Q.4 Define biome and discuss the salient features of Taiga in detail. 20
- Q.5 Discuss the sources of water pollution in detail. 20
- Q.6 Write an essay on the non-renewable energy sources with particular reference to Coal. 20
- Q.7 Write short note on any two of the following:
- I. Energy in the ecosystem 10
  - II. Conflicts in water use 10
  - III. Global Warming 10

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Part-I A/2016  
Examination:- M.A./M.Sc.

Roll No. ....

Subject: Geography (New Course)  
PAPER: III (Geomorphology)

TIME ALLOWED: 3 hrs.  
MAX. MARKS: 80

**NOTE:** Attempt any FOUR questions. All questions carry equal marks. Draw sketch maps and diagrams where necessary to exemplify your answer.

Q1. Write a detailed description of Remote Sensing and GIS applications in the study of Geomorphology. (20)

Q2. Describe the young fold mountain building process with the help of moving Lithosphere Plate Theory. (20)

Q3. Explain Fluvial processes and their associated landforms in detail. (20)

Q4. How have earthquake waves helped the scientist to know about the interior of the Earth? Give a detailed description of the earth's interior with the help of diagrams. (20)

Q5. Briefly describe different Endogenetic processes. (20)

Q6. Differentiate between weathering, mass wasting and erosion. Give a detailed classification of mass wasting types and their areas of occurrence. (20)

Q7. Write short notes on any TWO of the following: (10+10)

- Block mountains
- Delta
- Isostasy



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Part-I A/2016  
Examination:- M.A./M.Sc.

Roll No. ....

Subject: Geography  
PAPER: IV (Climatology & Oceanography)

TIME ALLOWED: 3 hrs.  
MAX. MARKS: 80

Attempt any FOUR questions taking THREE questions from Section-A and only ONE question from Section-B. All questions carry equal marks.

Question No.	Section- A	Marks
1	a) Define Climate Change. Why is climatic change happening? (14) b) You are working for a research institution that is trying to ascertain climatic changes 250 to 500 millions years ago. What data sets would you examine and which analytical methods would you use. (6)	20
2	Differentiate Air Mass and Front. How an Air Mass is formed? How do air masses and front change our local weather conditions? (4+8+8)	20
3	Elaborate socio-economic activities of people in connection with climatic regions of Pakistan.	20
4	How does Monsoon system generate ? Discuss the importance of monsoon rains in the economy of South Asia. (8+12)	20
5	Elaborate socio-economic activities of people in connection with climatic regions of Pakistan.	20
<b>Section-B</b>		
6	Discuss the factors that generate oceans currents. Describe the currents of the North Atlantic Oceans with help of map. (8+12)	20
7	What are Tides? How they are produced in the Ocean? Discuss their importance in coastal environment. (4+8+8)	20

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Part-I A/2016  
Examination:- M.A./M.Sc.

Roll No. ....

Subject: Geography  
PAPER: V (Quantitative & Research Methods)

TIME ALLOWED: 3 hrs.  
MAX. MARKS: 80

*NOTE: Attempt any FOUR questions. All questions carry equal marks.*

- Q.1. Explain the role of statistical methods in contemporary geography. 20
- Q.2. a) Define Central Tendency and compare the qualities of its different measures 10  
b) Construct a frequency table showing the daily income such as 000-299, 300-599, and so on; and the corresponding number of shopkeepers in as :30, 17, 7, 14, 4, 41, 13, 4, 8, and 12. Calculate their mean income. 10
- Q.3. a) Differentiate between the absolute and relative dispersion and explain the method used in calculation of their measures. 10  
b) Calculate the standard deviation for the data given in q.No.2b. 10
- Q.4. What is the importance of research objectives in a research project? Discuss. 20
- Q.5. What are the major types of Research? Discuss any of them in detail. 20
- Q.6. Explain the various stages involved in data collection, analysis and data presentation. 20
- Q.7. Write comprehensive note on two of the following: 10 + 10
- a) Primary data collection.
  - b) Type of Sampling Methods.
  - c) Ternary Diagram.
  - d) Tabulation.