

UNIVERSITY OF THE PUNJAB



Part-I A/2018
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. write in detail the contribution of Muslims in Geography
- Q.2. Discuss in detail the idea of Possibilism .
- Q.3. Discuss the ideas of Humboldt and Ritter .
- Q.4. Suggest measures to control Population Growth in Pakistan.
- Q.5. Discuss the reasons of international migration in the world
- Q.6. Discuss the phenomenon of religion as component of Culture .
- Q.7. What are the major challenges faced by the Agricultural sector .



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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 No.1 Define Environmental Geography and write in detail on its scope and importance.

20 marks

Q No.2 Evaluate the sources of air pollutants in the world and critically examine how the industrial and scientific development has changed the atmospheric composition.

20 marks

Q No.3 Discuss the idealized soil profile in detail.

20 marks

Q No.4 Discuss the causes and effects of deforestation in the world.

20 marks

Q No.5 Write in detail on the formation, types, production and distribution of petroleum in the world.

20 marks

Q No. 6 Discuss types of air pollutants, sources, effects and methods to reduce air pollution.

20 marks

Q No.7 Write short notes on any two of the following:

20 marks

- a. Causes of air pollution
- b. Types and causes of floods
- c. Methods of purification of polluted water



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

TIME ALLOWED: 3 hrs.
MAX. MARKS: 80

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

- Q1. Define Geomorphology. Also discuss the contribution of Muslim scholars in the development of Geomorphology. 20
- Q2. What do you know about geomorphic processes? Explain the Exogenetic processes in detail. 20
- Q3. Write a comprehensive note on the landforms produced by Glacial action. 20
- Q4. Discuss the geomorphic work of underground water in a lime stone region. 20
- Q5. What are Eolian landforms? Discuss in detail the formation of depositional Eolian landforms. 20
- Q6. What is plate tectonic? Write a detailed note on the Continental Drift Theory. 20
- Q7. Write short notes on any Two of the followings: 10+10
- a) Biological Weathering
 - b) Subsidence
 - c) RS and GIS



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Roll No.

Subject: Geography (New Course)
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.

Sr. No. of Question	Questions	No. of Marks
Section-A		
1	Give an account of the meaning and scope of the subject of Climatology.	20
2	Explain the Thermal stratifications of the Atmosphere with the help of sketches.	20
3	Describe the theories of Precipitation formation and bring out the importance of rainfall for living organisms.	20
4	Is there a "Climate Chang" in the world? Describe the various theories of climate change.	20
5	Identify the relationship between economic activities and climatic regions of Pakistan. OR How does winds generate? Discuss the role of Pressure Gradient force and Corrioli's effect in wind generation and deviation.	20
Section-B		
6	In what ways are marine sediments classified? List the types of sediments and explain the origin of each.	20
7	Describe the currents of the North Atlantic Ocean along with their impact on surrounding areas.	20

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Part-I A/2018
Examination:- M.A./M.Sc.

Roll No.

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

TIME ALLOWED: 3 hrs.
MAX. MARKS: 80

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

- Q.1. a) Give salient characteristics of geographical data. 10
b) Write down a note on measurement scales. 10
- Q.2. a) Enumerate various sources and type of geographical data. 10
b) Explain the methods of data collection from primary source. 10
- Q.3. Discuss in detail the major steps involved in formulation of research plan. 20
- Q.4. a) What is correlation? What are the different types of correlation? 10
b) Calculate rank correlation coefficient for the following data. 10

X	Y	X	Y
35	270	33	545
42	322	12	412
38	421	18	210
25	220	30	109
17	132	28	68

- Q.5. a) Explain the steps for preparation of data for analysis. 10
b) Describe the various statistical techniques used for data analysis. 10
- Q.6. Write a comprehensive note on nature and types of Research. 20
- Q.7. Write short note on any two of the following: 10 + 10
1. The Ternary Diagram.
 2. Index Numbers.
 3. Stratified Sampling.
 4. Importance of Literature Review.