



UNIVERSITY OF THE PUNJAB

Part-II : Supplementary Examination 2018

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

Roll No.

Subject: Geography

PAPER: VI (Comp.) [Pakistan]

MAX. TIME: 3 Hrs.

MAX. MARKS: 80

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

- Q.1. Divide Pakistan into Major physiographic divisions and discuss any one of them in detail.
- Q.2. Briefly discuss the different factors affecting the climate of Pakistan. Also discuss the seasonal rainfall pattern of Pakistan.
- Q.3. Write a comprehensive essay on the fossil-fuel resources of Pakistan.
- Q.4. Write an essay on the export sector of Pakistan with reference to its structure, composition, concentration and direction of exports.
- Q.5. Write a detailed note on the patterns of population growth and distribution in Pakistan.
- Q.6. Critically examine the growth and development of cotton textile industry in Pakistan.
- Q.7. Write short notes on any two of the following:**
- Cash crops of Pakistan
 - Major trade centers of Pakistan
 - Occupational structure of Pakistan



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Subject: Geography

PAPER: VIII (Urban Geography & Planning)

MAX. TIME: 3 Hrs.

MAX. MARKS: 80

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

Q.No.1 Where and how did the earliest settlements emerge in the world? Also describe their salient characteristics. (20 marks)

Q.No.2 Discuss the rule of centripetal and centrifugal forces in the expansion of an Urban settlement. (20 marks)

Q.No.3 Write down the problems of large cities with reference to Pakistan. (20 marks)

Q.No.4 The Economic Base of an Urban settlement depends upon an interplay of Basic and Non-Basic activities. Discuss and also highlight the different measures of Urban Economic Base. (20 marks)

Q.No.5 Urban renewal is the process by which decline in the inner city is reshaped. Elaborate. (20 marks)

Q.No.6 Write an essay on the Rural Urban Fringe. (20 marks)

Q.No.7 Write notes on any two of the following: (20 marks)

- Slums
- Rank-Size Rule
- Peri-Nucleus Zone



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PAPER: XVI (Pleistocene Geomorphology with Special Reference to Pakistan)

MAX. TIME: 3 Hrs.

MAX. MARKS: 80

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

1. What environmental changes have occurred during the Pleistocene period.
2. Briefly discuss correlation between the Potwar and Himalayan model of glaciation.
3. What is the difference between moraine and glacial till. Discuss the types and characteristics of moraine.
4. What do you know about the geomorphic processes and features of a periglacial zone.
5. Write a comprehensive note on the advent of man, human culture and major areas of settlement in Pakistan.
6. Briefly discuss the genesis and major characteristics of the Potwar loessic silt.
7. Write short note on any TWO of the followings:
 - a. Erosional landforms of a valley glacier
 - b. Badland topography.
 - c. Glaciers in Pakistan.
 - d. Kame & Esker.



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PAPER: XVIII (Fundamentals of GIS)

MAX. TIME: 3 Hrs.

MAX. MARKS: 80

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

Q.1 How would you define GIS? Bring out the main factors that are responsible for the spread of evolution of GIS technology. 20

Q.2 What is geographic data? Discuss characteristics of vector and raster data model. 20

Q.3 Discuss the errors in GIS and methods of data editing. 20

Q.4 Describe the concept of GIS project management. 20

Q.5 Describe the methods of data capturing and input in GIS 20

Q.6 Discuss spatial data analysis in GIS. 20

Q.7 Write short note on any two of the following:

I. Topology. 10

II. Applications of GIS. 10

III. Digital Terrain Model (DTM). 10