

**KHYBER PUKHTUNKHWA, PUBLIC SERVICE COMMISSION, PESHAWAR.**

**SUBJECT: - COMPETITIVE EXAMINATION FOR THE POSTS OF PROVINCIAL  
MANAGEMENT SERVICES (BPS-17)**

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**GEOGRAPHY (PAPER-I)**

**Time Allowed: 03 hours**

**Max: Marks: 100**

**Attempt any FIVE questions. All questions carry equal marks**

- Q-1** Write an essay on the influence of latitude on the annual cycle of insolation.
- Q-2** Define Cyclone and Anticyclone with particular reference to air movement and circulation of each in the Northern and Southern hemispheres. What type of weather is associated with each any why?
- Q-3** Differentiate between Valley Glacier and Ice Sheet. Discuss the depositional landforms of Valley Glacier in detail.
- Q-4** What is an earthquake, and how does it arise? Describe the relationship between the earthquake and plate tectonic.
- Q-5** Describe in detail the various movements of ocean water. What are the factors responsible for these movements?
- Q-6** Why salinity of ocean water varies from place to place? What are the determining factors for this variation? Discuss in detail.
- Q-7** Define Map. What are the essential of a map? Why we need projection for drawing a map?
- Q-8** Write comprehensive notes on any two of the followings:
- a) Karast Topography.
  - b) Morphology of the ocean floor.
  - c) Temperature inversion.
  - d) Merits and demerits of Mercator's Projection.