



**PUNJAB PUBLIC SERVICE COMMISSION**  
**COMBINED COMPETITIVE EXAMINATION**  
**FOR RECRUITMENT TO THE POSTS OF**  
**PROVINCIAL MANAGEMENT SERVICE, ETC -2022**  
**CASE NO. 2C2023**

**SUBJECT: GEOGRAPHY (PAPER-I)**

**TIME ALLOWED: THREE HOURS**

**MAXIMUM MARKS: 100**

**NOTE:**

- i. All the parts (if any) of each Question must be attempted at one place instead of at different places.
- ii. Write Q. No. in the Answer Book in accordance with Q. No. in the Q. Paper.
- iii. No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
- iv. Extra attempt of any question or any part of the question will not be considered.

**NOTE:**

**Attempt FIVE Questions in all. Attempt in Urdu or in English.**

- Q. No.1.** Examine the Earth's motions relative to the Sun. Describe the physical effects of the earth's motions.  
**(10+10=20 Marks)**
- Q. No.2.** How the volcanic activity takes place and what are its consequences on the environmental conditions at local level? Write in detail.  
**(20 Marks)**
- Q. No.3.** Discuss the greenhouse effect and its purported linkage to climate change?  
**(10+10=20 Marks)**
- Q. No.4.** Write a comprehensive note on the distribution of temperature and salinity of the oceans.  
**(20 Marks)**
- Q. No.5.** Briefly survey the principal terrestrial biomes. What climatic and terrain features influence the distribution of biome regions?  
**(10+10=20 Marks)**
- Q. No.6.** What is the importance of map projection and which projection is used in map of Pakistan and why? Discuss.  
**(20 Marks)**
- Q. No.7.** Illustrate the graphic representation of scale and describe the various types of linear scale?  
**(10+10=20 Marks)**
- Q. No.8.** What are the various methods of representation of relief on the map? Discuss.  
**(20 Marks)**