

KHYBER PAKHTUNKHWA PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION FOR THE POSTS OF PMS-2022

GEOLOGY (PAPER-I)

Time Allowed: 03 Hours

Maximum Marks: 100

- Q-1: What causes mass wasting? Discuss different types of mass wasting processes. (20)
- Q-2: Differentiate between transpression and transtension, discuss different types of folds associated with faults. (20)
- Q-3: List different Lithostratigraphic groups of Pakistan, write a detail account of stratigraphic succession exposed in Pishin Basin of Pakistan (20)
- Q-4: Discuss evolution of various plankton in response to the Cretaceous Oceanic Anoxic Events (COAEs). (20)
- Q-5: What causes glaciation? Describe ^{depositional} ~~depositional~~ Landforms of glaciers. (20)
- Q-6: Discuss the types and distribution of Ultramafic igneous rocks in Pakistan. (20)
- Q-7: How would you classify different types of basalts based on geochemistry? (20)
- Q-8: Differentiate between Chemostratigraphy and magnetostratigraphy. Discuss different types of biozones. (20)