

NWFP, PUBLIC SERVICE COMMISSION, PESHAWAR.

COMPETITIVE EXAMINATION FOR PROVINCIAL MANAGEMENT SERVICE, 2008.

GEOLOGY, PAPER-I

Time Allowed: 03 Hours

Max: Marks: 100

Note - Attempt any five questions

- Q1 - Discuss different theories about origin of earth as a planet. Which theory is the most suitable in your view?
- Q2 - Give the distinguishing characteristics of Phylum Mollusca on the basis of morphological features compare class Gastropoda and Pelecypoda.
- Q3 - What do you understand by the term stratigraphic nomenclature? Describe various types of stratigraphic units.
- Q4 - Discuss in detail the stratigraphy of Khewra Gorge. Why it is called the museum of stratigraphy?
- Q5 - Describe Plate tectonic theory. Give different tectonic features of Pakistan.
- Q6 - What are plutonic rocks? Describe its classification on the basis of composition and mode of occurrence.
- Q7 - Differentiate Primary and Secondary structure of sedimentary rocks. Give the classification of secondary sedimentary structures on different basis.