

NWFP, PUBLIC SERVICE COMMISSION, PESHAWAR

COMPETITIVE EXAMINATION FOR PROVINCIAL MANAGEMENT SERVICE, 2008.

GEOLOGY, PAPER-II

Time Allowed: 03 Hours

Max: Marks: 100

Note - Attempt any five questions

- Q1 - Discuss various geophysical techniques to explore groundwater and also discuss ground water conditions of Sindh.
- Q2 - What geological factors are considered in the construction of Dam? Discuss the case histories of major dams of Pakistan.
- Q3 - Discuss the origin of coal. Describe various coal fields of Pakistan with special reference to its origin, quality and significance.
- Q4 - Describe the economic potential deposits of minerals of Pakistan and their present industrial uses.
- Q5 - What are the present energy resources of Pakistan? How would you suggest the possible improvement and utilization to meet the demand?
- Q6 - Discuss various types of Landslides and their causes, and also discuss various techniques to stabilize the slope.
- Q7 - What is source rock? on the basis of nature describe different source rocks of major oil and Gas fields of Pakistan.