

KHYBER PAKHTUNKHWA, PUBLIC SERVICE COMMISSION

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

2013

GEOLOGY, PAPER-I

TIME ALLOWED: 03 HOURS

MAX:MARKS: 100

Note:- Attempt any Five questions. All questions carry equal marks.

- Q.1- Describe the internal structure of the Earth in detail with help of labeled diagrams?
- Q.2- Define FAULT and give their types with sketches. What do you know about MBT, MMT and MKT?
- Q.3- What is Fossil? Give various modes of preservation of fossils. What are trace fossils? Explain with examples?
- Q.4- What are the various principles of stratigraphic correlation? Correlate the PALEOGENE sequence of Salt Range with Kohat by making stratigraphic column.
- Q.5- What is crystal system? Describe hexagonal crystal system in detail.
- Q.6- Describe different types of sedimentary rocks and give the environments of deposition of EVAPORITES.
- Q.7- Describe different types of igneous rocks in detail with examples from Pakistan.
- Q.8- What is metamorphism? Describe different types of metamorphic rocks with examples.