



FEDERAL PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION – 2024 FOR RECRUITMENT TO
POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT

Roll Number

GEOLOGY

TIME ALLOWED: THREE HOURS

PART-I (MCQs) MAXIMUM MARKS: 20

PART-I (MCQs): MAXIMUM 30 MINUTES

PART-II MAXIMUM MARKS: 80

NOTE: (i) First attempt PART-I (MCQs) on separate OMR Answer Sheet which shall be taken back after 30 minutes.

(ii) Overwriting/cutting of the options/answers will not be given credit.

(iii) There is no negative marking. All MCQs must be attempted.

PART – II

SECTION-A

Q1. What is the difference between fracture and joints? Discuss importance of fracture and joint analysis.

Q2. Discuss in detail the concept and terminology of faults. Discuss criteria for identification of faults.

Q3. What are igneous rocks? Give in short, the mineralogical and textural classification of igneous rocks.

Q4. Write briefly an overview of the major tectonics features of Pakistan.

SECTION-B

Q5. Describe characteristic features for occurrence of Petroleum System in any Basin.

Q6. Write in detail types, occurrence and uses of economic mineral deposits of Punjab.

Q7. What is a landslide? Explain the types of slides and the factors that trigger landslides.