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 30MINUTES**	**PART-I (MCQS) MAXIMUM MARKS = 20** **PART-II MAXIMUM MARKS = 80**

NOTE: (i) **Part-II** is to be attempted on the separate **Answer Book.**

(ii) Attempt **ONLY FOUR** questions from **PART-II** by selecting **TWO** questions from **EACH SECTION. All** questions carry **EQUAL** marks.

(iii) All the parts (if any) of each Question must be attempted at one place instead of at different places.

(iv) Write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper.

(v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.

(vi) Extra attempt of any question or any part of the question will not be considered.

PART-II
SECTION-I

Q. No. 2. What is the difference between fracture and joints? Discuss importance of fracture and joint analysis. **(20)**

Q. No. 3. Discuss in detail the concept and terminology of faults. Discuss criteria for identification of faults. **(20)**

Q. No. 4. What are igneous rocks? Give in short, the mineralogical and textural classification of igneous rocks. **(20)**

Q. No. 5. Write briefly an overview of the major tectonics features of Pakistan. **(20)**

SECTION-II

Q. No. 6. Describe characteristic features for occurrence of Petroleum System in any Basin. **(20)**

Q. No. 7. Write in detail types, occurrence and uses of economic mineral deposits of Punjab. **(20)**

Q. No. 8. What is a landslide? Explain the types of slides and the factors that trigger landslides. **(20)**

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