



FEDERAL PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION FOR
RECRUITMENT TO POSTS IN BS-17
UNDER THE FEDERAL GOVERNMENT, 2014
GEOLOGY, PAPER-II

Roll Number

TIME ALLOWED:	(PART-I MCQs)	30 MINUTES	MAXIMUM MARKS: 20
THREE HOURS	(PART-II)	2 HOURS & 30 MINUTES	MAXIMUM MARKS: 80

- NOTE:**(i) **Part-II** is to be attempted on the separate **Answer Book**.
(ii) Attempt **ONLY FOUR** questions from **PART-II**. **ALL** questions carry **EQUAL** marks.
(iii) Candidate must write **Q. No.** in the **Answer Book** in accordance with **Q. No.** in the **Q. Paper**.
(iv) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
(v) Extra attempt of any question or any part of the attempted question will not be considered.

PART-II

- Q. No. 2.** Discuss those geotechnical properties which are considered essential for the selection of durable building material. **(20)**
- Q. No. 3.** Describe genesis and metallogeny of Muslim Bagh chromite deposits. **(20)**
- Q. No. 4.** What are the possible causes of water logging and salinity in Pakistan? Discuss some remedial measures for the reclamation of such soil. **(20)**
- Q. No. 5.** Evaluate Thar coal deposits for power generation. Describe major constrain in this regard. **(20)**
- Q. No. 6.** Discuss different geophysical techniques used to prospect hydrocarbon deposit in an area. **(20)**
- Q. No. 7.** Describe formation and occurrences of salt deposits of Salt Range area and its utilization in various industries. **(20)**
- Q. No. 8.** Write NOTES on any **TWO** of the following. **(10 each)** **(20)**
- (a) Geothermal energy
- (b) Drilling mud
- (c) Land slides
