

FEDERAL PUBLIC SERVICE COMMISSION



COMPETITIVE EXAMINATION FOR RECRUITMENT TO POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT, 2012

Roll Number

GEOLOGY, PAPER-I

TIME ALLOWED:	(PART-I MCQs)	30 MINUTES	MAXIMUM MARKS: 20
THREE HOURS	(PART-II)	2 HOURS & 30 MINUTES	MAXIMUM MARKS: 80
NOTE: (i) Candidate must write Q. No. in the Answer Book in accordance with Q. No. in the Q. Paper. (ii) Attempt ONLY FOUR questions. ALL questions carry EQUAL marks. (iii) Extra attempt of any question or any part of the attempted question will not be considered.			

PART-II

- Q. 2.** Discuss the internal structure of the earth in the light of seismic velocities. (20)
- Q. 3.** Briefly describe the theory of plate tectonic. Also comment on Indian-Eurasian collision and formation of Himalayas. (20)
- Q. 4.** Discuss the physical properties of minerals dependant on light. (20)
- Q. 5.** Discuss the process of fossilization in detail. (20)
- Q. 6.** Discuss the six general shapes of unit cell. (20)
- Q. 7.** Describe the stratigraphy of Khewra Gorge. (20)
- Q. 8.** Discuss the regional metamorphism with relation to Indian plate margin in Pakistan. (20)
