

FEDERAL PUBLIC SERVICE COMMISSION



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

Roll Number

GEOLOGY, PAPER-II

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 mineralization associated with pegmatites. (20)
- Q. 3.** Discuss the genesis of primary kaolin deposits of Pakistan. Also describe the different end uses of this commodity. (20)
- Q. 4.** Describe the theories regarding the origin of hydrocarbons. Also discuss the primary migration of hydrocarbons. (20)
- Q. 5.** Discuss the occurrence, stratigraphy and reserves of coal deposits in Salt range (Cis and Trans Indus). (20)
- Q. 6.** Discuss the different types of slope failure and their stability techniques. (20)
- Q. 7.** Discuss the different geochemical prospection techniques. (20)
- Q. 8.** Write notes on the following: (10)
- (a) Hydrological cycle (10)
- (b) Aquifer types (10)
