



CSS Past Paper

Geology

(2019)

For a comprehensive collection of CSS preparation resources; date sheets, notes, solved past papers, examiner reports, and FPSC-recommended Books, please visit our website or feel free to reach out to us. We are here to assist you in your CSS journey.





FEDERAL PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION-2019
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) 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 characteristics a sedimentary strata should contain to be designated as a “Formation”? How the formation is divided into sub-units? Describe the characters of Salt Range Formation. (20)
- Q. No. 3.** Elaborate the Plagioclase Series of Feldspar group of rock forming minerals. Describe the physical and optical characteristics of the series. (20)
- Q. No. 4.** What is Pull-apart basin? Describe the characteristics of transform movement between two continental blocks. Where you find similar features in Pakistan? (20)
- Q. No. 5.** What are Pegmatites? Discuss the texture and mineralogical composition of pegmatites. What precious minerals are associated with acidic pegmatites? (20)

SECTION-II

- Q. No. 6.** What methods of geophysical exploration are used for metallic ore deposits? What instruments are used for acquisition and interpretation of data? (20)
- Q. No. 7.** Differentiate between volcanic and fissure eruptions. Describe types of materials exhaled by volcanoes. How these materials are hazardous to men and environment? (20)
- Q. No. 8.** Write short notes on any TWO of the following: (10 each) (20)
- (a) Source sediments of petroleum.
 - (b) Site investigation for highway construction.
 - (c) Site investigation for tunnel construction.

Reach out to us @ info@thinked.co
If you are interested in writing for us email us at
writeforthinked@thinked.co