

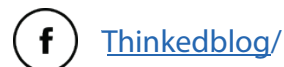
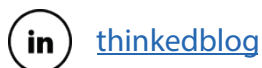


# CSS Past Paper

# Geology

## (2020)

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-2020**  
**FOR RECRUITMENT TO POSTS IN BS-17**  
**UNDER THE FEDERAL GOVERNMENT**

Roll Number

**GEOLOGY**

<b>TIME ALLOWED: THREE HOURS</b>	<b>PART-I (MCQS) MAXIMUM MARKS = 20</b>
<b>PART-I(MCQS): MAXIMUM 30 MINUTES</b>	<b>PART-II MAXIMUM MARKS = 80</b>
<b>NOTE: (i) Part-II is to be attempted on the separate Answer Book.</b>	
<b>(ii) Attempt ONLY FOUR questions from PART-II by selecting TWO questions from EACH SECTION. ALL questions carry EQUAL marks.</b>	
<b>(iii) All the parts (if any) of each Question must be attempted at one place instead of at different places.</b>	
<b>(iv) Write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper.</b>	
<b>(v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.</b>	
<b>(vi) Extra attempt of any question or any part of the question will not be considered.</b>	

**PART – II**  
**SECTION – I**

- Q. No. 2.** Differentiate between weathering, erosion and transportation. Elaborate the various agents and types of weathering. (20)
- Q. No. 3.** What are lithostratigraphic and chronostratigraphic unit? Discuss the various laws of stratigraphy. (20)
- Q. No. 4.** Explain isomorphism and polymorphism through examples. Give a detailed account of classification of silicate minerals. (20)
- Q. No. 5.** Differentiate between lineation and foliation. Discuss various structural controls on the mechanical properties of materials. (20)

**SECTION-II**

- Q. No. 6.** Differentiate between eustatic and relative sea level curve. Discuss the relationship between eustacy, accommodation space and sedimentation. (20)
- Q. No. 7.** Differentiate between hydrocarbon source and reservoir rocks. Elaborate the various trapping mechanisms of hydrocarbons. (20)
- Q. No. 8.** Write short notes on any TWO of the following: (10 each) (20)
- (a)** Coal rank and coal series.
  - (b)** Geological controls on the selection of mega dam sites.
  - (c)** Occurrences of Radioactive deposits in Pakistan.

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Reach out to us @ [info@thinked.co](mailto:info@thinked.co)  
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