

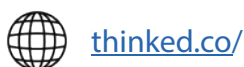
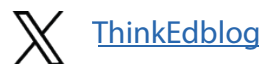


CSS Past Paper

Geology

(2023)

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.





PUNJAB PUBLIC SERVICE COMMISSION
COMBINED COMPETITIVE EXAMINATION
FOR RECRUITMENT TO THE POSTS OF
PROVINCIAL MANAGEMENT SERVICE, ETC -2022
CASE NO. 2C2023

SUBJECT: GEOLOGY (PAPER-I)

TIME ALLOWED: THREE HOURS

MAXIMUM MARKS: 100

NOTE:

- i. All the parts (if any) of each Question must be attempted at one place instead of at different places.
- ii. Write Q. No. in the Answer Book in accordance with Q. No. in the Q. Paper.
- iii. No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
- iv. Extra attempt of any question or any part of the question will not be considered.

NOTE:

Attempt Five Questions in all. Attempt in Urdu or English.
Where necessary, use neat sketches to elaborate the answers

- Q No. 1:** What is geomorphology? Briefly discuss the role of exogenic and endogenic geomorphic process in shaping the earth. **(20 Marks)**
- Q No. 2:** Describe stress, stress Ellipse and stress Ellipsoid. Discuss the Mohr Stress Diagram. **(20 Marks)**
- Q No. 3:** What are the parameters that are most commonly used to characterize the structure of paleo-communities, and which of parameters are most likely to be influenced by Taphonomic processes? **(20 Marks)**
- Q No. 4:** Define sedimentary environments and discuss the basic tools of environmental analysis. **(20 Marks)**
- Q No. 5:** Define the different types of rocks. Discuss the mineralogical composition, texture, origin, and uses of Granite, Limestone, Marble and Schist. **(20 Marks)**
- Q No. 6:** Differentiate between high-temperature and low-temperature geochemistry. Also discuss the applications of geochemical thermodynamics in geology. **(20 Marks)**
- Q No. 7:** Write short notes on: **(5x4=20 Marks)**
- a. Earth Crust
 - b. Evaporites
 - c. Metamorphic grades
 - d. Laccolith and Phacolith
- Q No. 8:** Discuss the geochemistry of weathering and point out the basic reactions therein. **(20 Marks)**

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