

B.Sc. Sem.-1 Examination

DSC-C-111

Geology

January-2024

Time : 2-00 Hours]

[Max. Marks : 50

Instructions: Draw neat diagrams wherever necessary.
Write proper answer number.

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- Q-1 Describe general principles of geology as a science. [10]
OR
- Q-1 (a) Branches of geology. [05]
(b) Kant's hypothesis. [05]
- Q-2 Discuss the property of forms in minerals. [10]
OR
- Q-2 (a) Jolly's spring balance. [05]
(b) Chemical classification of minerals. [05]
- Q-3 Explain the constitution and formation of earth's internal structure. [10]
OR
- Q-3 (a) Geological methods of dating. [05]
(b) Crust. [05]
- Q-4 Write a note on waterfalls. [10]
OR
- Q-4 (a) Biological weathering. [05]
(b) Types of lakes. [05]
- Q-5 **Attempt any ten out of twelve.** [10]
(i) Define nebula.
(ii) State the size of the earth.
(iii) Name the scientist, who proposed tidal hypothesis.
(iv) Define mineral.
(v) State the hardness of graphite and diamond.
(vi) Name the mineral having three sets of cleavage.
(vii) Give the half-life period of uranium.
(viii) Define radioactivity.
(ix) Why inner core is solid?
(x) Define weathering.
(xi) What is fluvioglacial deposit?
(xii) Define loess.