

## B.Sc. (NEP) Sem.-4 Examination

DSC-C-242

Geology

April-2025

Time : 2-00 Hours]

[Max. Marks : 50

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

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- Q-1 Describe the mountains of extra-peninsula. [10]  
**OR**
- Q-1 (a) Origin and distribution of Archaean. [05]  
(b) Plateaus and valleys of India. [05]
- Q-2 Discuss the order of superposition in the field. [10]  
**OR**
- Q-2 (a) Characteristics of joints. [05]  
(b) Types of folds based on position of axial plane. [05]
- Q-3 Explain recurrent seismicity in detail. [10]  
**OR**
- Q-3 (a) Second order geomorphic features. [05]  
(b) Dendritic drainage pattern. [05]
- Q-4 Write a note on uses of fossil study. [10]  
**OR**
- Q-4 (a) Environmental factors of brachiopoda. [05]  
(b) Geological distribution of echinodermata. [05]
- Q-5 **Attempt any ten out of twelve.** [10]  
(i) State the divisions of Mesozoic era.  
(ii) Mention the dimensions of Rajputana desert.  
(iii) Name the petrological types of Dharwars.  
(iv) Mention one structural concept of Aravalli.  
(v) Name the joints found in igneous rocks.  
(vi) Define normal fault.  
(vii) Define geomorphology.  
(viii) Name any two third order geomorphic features.  
(ix) State the topography of Himmatnagar region.  
(x) Write any one condition of entombment.  
(xi) Give one example of burrows observed during your field work.  
(xii) What is trail?
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