

B.Sc Sem.-3 Examination

CC-201

Geology

October-2024

Time : 2-30 Hours]

[Max. Marks : 70

Instructions: (I) Draw neat diagrams whenever necessary.
(II) Write proper answer number.

Q-1. Give evidences and causes of continental drift. Add a note on Wegener's theory. (14)

OR

Q-1. (a) Pratt's theory of isostasy. (07)

(b) Different laws of isostasy. (07)

Q-2. Discuss depositional features produced by sea and ocean. (14)

OR

Q-2. (a) Origin of the springs with suitable examples. (07)

(b) Erosional features produced by ground water. (07)

Q-3. Write note on major divisions of geological time scale. (14)

OR

Q-3. (a) Evolution and fossil record. (07)

(b) Classification of organisms. (07)

Q-4. Explain origin and mineralogy of iron and mica ores. (14)

OR

Q-4. (a) Define relief, contours, outcrops and strike. (07)

(b) Maps as to scale. (07)

Q-5. Attempt any seven questions out of twelve. (14)

(i) Define isostasy giving suitable examples.

(ii) Give four names of major tectonic plates.

(iii) Draw a sketch showing location of Pangaea on the globe.

(iv) Give classification of the sub surface water.

(v) Define hydrological cycle.

(vi) Draw a sketch of hypsographic curve.

(vii) Define correlation and homotaxis with examples.

(viii) What you mean by lithostratigraphic and chronostratigraphic units?

(ix) Mention four elementary ideas about origin of life.

(x) Give two examples of ore forming and industrial minerals.

(xi) Explain the role of NMDC.

(xii) Name four minerals that are categorized in group II as per classification of economic minerals of India.