

BSc (NEP) Semester-2 Examination

MDC-124 T

Geology

April-2024

Time : 1-00 Hours]

[Max. Marks : 25

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

Q-1. Define polarisation and pleochroism. Discuss construction of Nicol prism. [10]

OR

Q-1. (a) Properties of anisotropism. [05]

(b) Nature of light, wave length and polarized light. [05]

Q-2. Describe origin, classification and textures of metamorphic rocks. [10]

OR

Q-2. (a) Classification and diagenesis of sedimentary rocks. [05]

(b) Common textures of igneous rocks. [05]

Q-3. Attempt any five out of six. [05]

(i) What you know about physics of geology?

(ii) Define refraction.

(iii) State the refractive index of Canada balsam.

(iv) Name two volcanic igneous rocks.

(v) Define fabric and textures.

(vi) What is petrology?