

**BSc (NEP) Semester-2 Examination****DSC-M-123 T****Geology****April-2024****[Max. Marks : 25]****Time : 1-00 Hours]****Instructions:** Draw neat diagrams wherever necessary.

Write proper answer number.

**Q-1**      Describe the passage of light through Nicol prism.      [10]**OR****Q-1**    (a)   Anisotropism.      [05]

(b)   Parts of petrological microscope.      [05]

**Q-2**      Discuss fabric and textures of rocks.      [10]**OR****Q-2**    (a)   Plutonic igneous rocks.      [05]

(b)   Uses of sedimentary rocks.      [05]

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

- (i) Define wave length.
- (ii) Name the mineral showing single refraction.
- (iii) What is reflection?
- (iv) State the grain size of argillaceous rocks.
- (v) Name at least two metamorphic rocks.
- (vi) Give uses of basalt.

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