

## BSc (NEP) Semester-2 Examination

DSC-M-123 T

Geology

April-2024

Time : 1-00 Hours]

[Max. Marks : 25

**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.
-