

**U.G. 1st Semester Examination - 2020**

**ENVIRONMENTAL SCIENCE**

**[HONOURS]**

**Course Code : ENVS-H-CC-P-01**

**(Earth and Earth Surface Processes)**

**[PRACTICAL]**

Full Marks : 20

Time : 2 Hours

*The figures in the right-hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

Answer any **two** of the following:  $10 \times 2 = 20$

1. What are the common tests for identifying a rock? Write two characteristic features to identify each of the following:

Basalt, Limestone, Sandstone, Quartzite, Granite, Shale and Slate.  $3 + 7 = 10$

2. What are the common tests for identifying a mineral? Write two characteristic features to identify each of the following:

Quartz, Dolomite, Gypsum, Chalcopyrite, Calcite, Hematite and Talc.  $3 + 7 = 10$

3. What is a topographical sheet? Mention the functional elements of topographical map interpretation.  $2 + 8 = 10$

4. State with illustrations how different drainage features and relief features are shown in a topographical map.  $5 + 5 = 10$

*[Turn over]*