

U.G. 1st Semester Examination - 2021**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: Dolomite, Limestone, Sandstone, Quartzite, Chert, 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: Feldspar, Tourmaline, Dolomite, Gypsum, Chalcopyrite, Magnetite 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 ordering and relief features are shown in a topographical map. $5+5=10$

[Turn over]