

**U.G. 1st Semester Examination - 2021****ENVIRONMENTAL SCIENCE****[HONOURS]****Course Code : ENVS-H-CC-L-01****(Earth and Earth Surface Processes)**

Full Marks : 40

Time : 2½ 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.*

1. Answer any **five** of the following:  $2 \times 5 = 10$
- What do you mean by Lauesia?
  - What is chemical weathering?
  - What is metamorphic rock?
  - What is fault?
  - What is paleogeography?
  - What is Mohorovicic discontinuity?
  - What is isostacy?
  - What is accelerated soil erosion?

2. Write short notes on any **two** of the following:  $5 \times 2 = 10$
- Glacial landforms
  - Anthropogenic activities in landuse change
  - Causative factors for tsunami
  - Interior of the earth
3. Answer any **two** of the following:  $10 \times 2 = 20$
- State and explain continental drift theory.  $3 + 7 = 10$
  - What is rock cycle? State and explain the formative process of different types of rock.  $3 + 7 = 10$
  - How folded mountain chain is formed?
  - What is orographic rainfall? How it takes place?  $5 + 5 = 10$