Total No. of Questions: 11]

[Total No. of Printed Pages: 3

GEOLSEM-127

M.Sc. (Ist Semester) Examination, Dec., 2022 GEOLOGY

Paper - GEOL-102

(Geomorphology and Geotectonics)

Time: 3 Hours [Maximum Marks: 75

The question paper contains three Sections.

Section-A (Marks : $2 \times 10 = 20$)

Note: Answer all ten questions (Answer limit **50** words). Each question carries **2** marks.

Section–B (Marks: $5 \times 5 = 25$)

Note: Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **5** marks.

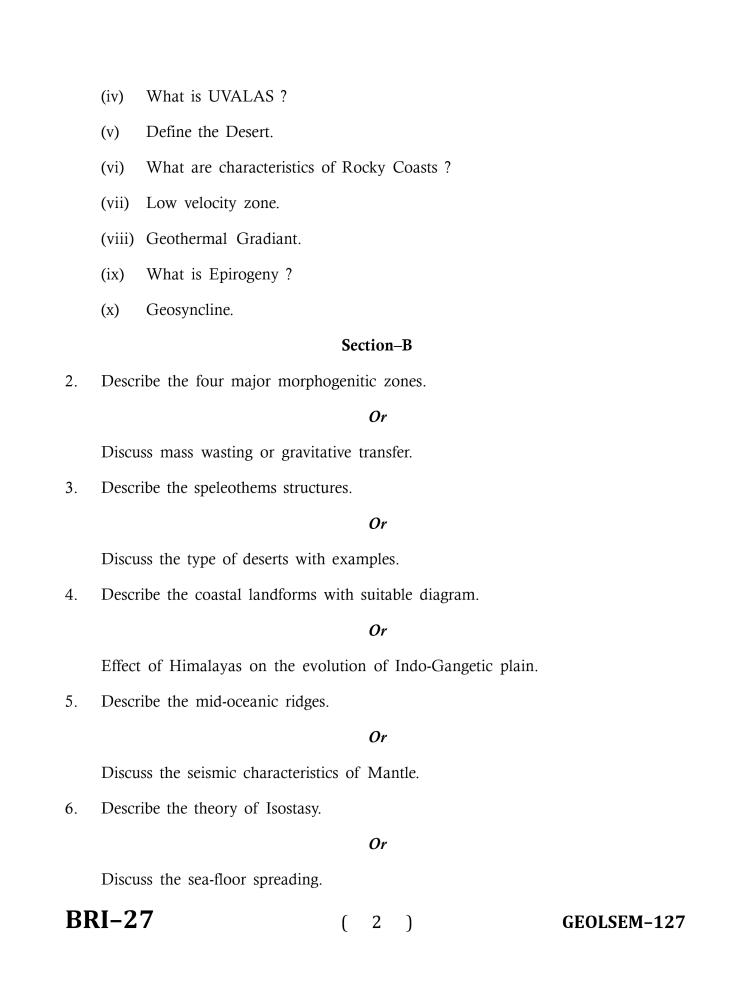
Section–C (Marks : $10 \times 3 = 30$)

Note: Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

- 1. (i) What is the principles of Uniformitarianism?
 - (ii) Define Weathering.
 - (iii) Hanging valley.

BRI-27 (1) GEOLSEM-127 P.T.O.



Section-C

- 7. Describe the Fundamental concepts of Geomorphology.
- 8. Discuss the Erosional and depositional features associated with Glacial cycle.
- 9. Describe major geomorphological sub-division of India.
- 10. Describe the composition, gravity and magnetic characteristics of crust.
- 11. Discuss the continental drift theory and give the evidence that support continental drift.