

1548

4

6. Write a short note on the following : (3×5=15)

- (i) Weathering
- (ii) Atmosphere
- (iii) Fluvial Processes

40

(500)

[This question paper contains 4 printed pages.]

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Your Roll No.....

Sr. No. of Question Paper : 1548

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Unique Paper Code : 2182011101

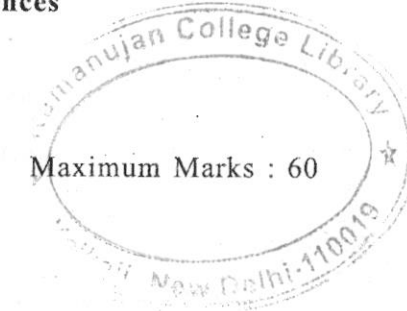
Name of the Paper : Environmental and Earth
Surface Processes

Name of the Course : B.Sc. (Hons.) Environmental
Sciences

Semester : I

Duration : 2 Hours

Maximum Marks : 60



Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt any **four** questions. **All** questions carry equal marks.

1. (a) Write short notes on the following : (2½×4=10)

- (i) Earthquakes

P.T.O.

(ii) Igneous Rocks

(iii) Western Ghats

(iv) Earth's Mantle

(b) Fill in the blanks/one-word answer : (1×5=5)

(i) The layer of the atmosphere in which ozone is found is called _____

(ii) The rocks formed due to changes in the forms/ composition of other rocks are called _____

(iii) The landforms either carved out (erosion) or built up (deposition) by running water are called _____

(iv) _____ is the process of formation of oceanic crust through upwelling of magma at mid-oceanic ridges.

(v) A large supercontinent that existed 225 million years ago was _____.

2. (a) Discuss the process of formation of the Indian Peninsular Mountain System. (10)

(b) Write a note on the Indo-Gangetic Plains. (5)

3. With the help of a diagram, describe the process of formation of the three types of rocks in the earth's lithosphere. (15)

4. (a) Describe the process of formation of Himalaya. (8)

(b) Explain the evolution of monsoons in the Indian Subcontinent. (7)

5. (a) Discuss how the continental collision has led to the formation of the Himalaya and other Mountains, using illustrations. (10)

(b) Discuss the concept of Isostasy. (5)