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(FYUGP)

(1st Semester)

ENVIRONMENTAL SCIENCE

(Major)

Paper Code : EVS/C-1T

(Earth and Earth Surface Processes)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. (a) Elaborate on geological time scale and the major changes on the earth's surface.

15

Or

- (b) Explain the different theories with regard to the origin of the solar system.

2. (a) Describe the continental drift theory. 15

Or

- (b) What are lithosphere plates? Elaborate on the major tectonic plates. 3+12=15

3. (a) Elaborate on physical processes of erosion and factors affecting erosion. 7+8=15

Or

- (b) Describe the different rock types and the processes of weathering of rocks. 6+9=15

4. (a) Elaborate on composition and structure of the atmosphere. 7+8=15

Or

- (b) Elaborate on fluvial processes and the major landforms associated with it. 6+9=15

5. (a) Explain the evolution and mechanism of monsoon in Indian subcontinent. 15

Or

- (b) Discuss the formation of Indo-Gangetic plains and evolution of Indus Valley Civilization. 8+7=15

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