



Bs/EVS C-4T

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(FYUGP)

(2nd Semester)

ENVIRONMENTAL SCIENCE

(MAJOR)

Paper : EVS C-4T

(Land and Soil Conservation and Management)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

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

1. (a) What is soil health? Describe the ecological and economic importance of soil. 5+10=15

Or

- (b) Elaborate on different types of method for soil conservation. 15

2. (a) Differentiate between non-erosive and erosive soil degradation. Describe the different types of soil erosion. 5+10=15

Or

(b) What is soil pollution? Elaborate on mining and mineral extraction as causes of soil degradation. 5+10=15

3. (a) Define land resource. Classify land resource of India based on usage. 3+12=15

Or

(b) Elucidate on deforestation, range land degradation and human population pressure as drivers of land degradation. 15

4. (a) Explain the effects of land degradation on farming communities. 15

Or

(b) What do you understand by economic valuation of land degradation? Elaborate on onsite and offsite costs of land degradation. 5+10=15

5. (a) Describe the importance of land tenure and land policy in controlling land degradation. 15

Or

(b) What is participatory land degradation assessment? Explain its role for land resource conservation. 5+10=15

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