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6 SEM TDC DSE BOT (CBCS) 2 (H)

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(May/June)

BOTANY

(Discipline Specific Elective)

(For Honours)

Paper : DSE-2

(**Natural Resource Management**)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

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

1. (a) Choose the correct answer of the following : 1×3=3

(i) The Earth Summit was held in the year

(1) 1992

(2) 1989

(3) 1972

(4) 1987

(2)

(ii) National Remote Sensing Agency (NRSA) is located at

- (1) Kanpur
- (2) Hyderabad
- (3) Kolkata
- (4) Lucknow

(iii) Which State of India has the largest forest area?

- (1) Uttar Pradesh
- (2) Assam
- (3) Madhya Pradesh
- (4) Andhra Pradesh

(b) Fill in the blanks : $1 \times 2 = 2$

(i) India is the _____ largest installed wind power capacity in the world.

(ii) The Environmental Protection and Biodiversity Act was passed in the year _____.

2. Write short notes on any three of the following : $4 \times 3 = 12$

- (a) Advantages of solar energy
- (b) Solid-waste management
- (c) Biosphere reserve programme
- (d) Non-renewable natural resources
- (e) NTFP and rural economy

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(Continued)

(3)

3. Write explanatory notes on any two of the following : $6 \times 2 = 12$

- (a) Environmental Impact Assessment (EIA) in India.
- (b) Management of Soil Degradation
- (c) Bioenergy
- (d) Features of Geographic Information System (GIS)

4. What do you mean by sustainability? Give an account of various approaches to sustainable development of natural resources. $3 + 9 = 12$

Or

What do you mean by aquifers? Give an account of threats and management strategies of water resources. $3 + 9 = 12$

5. What is biodiversity? Describe briefly various threats to biodiversity. Give a brief account of management strategies for biodiversity conservation. $2 + 5 + 5 = 12$

Or

Write an essay on forest management policies in India. 12

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