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

2023

(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

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(Turn Over)

(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 :

1×2=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 :

4×3=12

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

(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
