

D-35-C

Roll No.....

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

XIIARKDN20

2035-C

ENVIRONMENTAL SCIENCE

Time : 3 Hours]

[Maximum Marks : 70

- Note :-**
- (i) All questions are compulsory.
 - (ii) Q. Nos. 1-8 are objective type and carry 1 mark each.
 - (iii) Q. Nos. 9-18 are very short answer type and carry 2 marks each.
 - (iv) Q. Nos. 19-27 are short answer type and carry 3 marks each.
 - (v) Q. Nos. 28-30 are long answer type and carry 5 marks each with internal choice.

Section-A

(Objective Type Questions)

- 1. Define Incineration. 1 each
- 2. Use of biological agents to treat contaminated soil is called
- 3. What is a soil profile ?

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4. Cryogenic preservation is done at a temperature of
5. Zoological parks are a method of *in-situ* type/*ex-situ* type of conservation.
(Choose the appropriate)
6. Where is Changthang Cold Desert Wild Life Sanctuary located ?
7. What are SPCB's ?
8. EIS stands for

Section-B

(Very Short Answer Type Questions)

2 each

9. What are wet scrubbers ?
10. Define Noise. Name any *two* sources of noise.
11. Write down the working principle of electrostatic precipitator.
12. How does oil spill affect marine life ?
13. What are Bhanjar soils ? Name its two types.
14. Define e-Waste. Name *two* different sources of e-wastes.
15. What are biosphere reserves ?
16. What are seed banks ?
17. What is a climatic change ? What are *two* different causes attributed to climatic changes ?
18. Write *two* salient features of Environment Protection Act, 1986.

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FC

(3)

Section-C

3 each

(Short Answer Type Questions)

19. Write down the controlling measures for noise pollution.
20. Explain biomagnification and its impact on aquatic life.
21. Define soil pollution. Name the different sources of soil pollution.
22. Write a short note on wind erosion.
23. What is biomedical waste ? What are its impacts (any two) ?
24. Define biodiversity. Name three levels of biodiversity.
25. What is Kyoto Protocol ? What is its importance (any two) ?
26. Write three salient features of Water (Prevention and Control of Pollution) Act, 1974. <https://www.jkboseonline.com>
27. Write three salient features of Air (Prevention and Control of Pollution) Act, 1981.

Or

Write a short note on the concept of sustainable development.

Section-D

(Long Answer Type Questions)

5 each

28. What is water pollution ? What are its different sources ?

Or

Explain in detail secondary treatment of sewage in STP's.

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Turn Over

(4)

~~Define~~ Solid Waste. Describe its various sources and methods of disposal.

Or

What are hazardous wastes ? What are its different characteristics ?

~~What~~ is Global Warming ? Explain its causes and consequences.

Or

What is ozone depletion ? How does its depletion impact different life forms on earth ?

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