

B-30-Y

Roll No.....

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

12th ARM(SZ)JKUT2024

1130-Y

ENVIRONMENTAL SCIENCE

Time : 3 Hours]

[Maximum Marks : 70

SECTION-A

1 each

(OBJECTIVE TYPE QUESTIONS)

Note :- To be answered in *one* word or *one* sentence :

1. Expand MSW.
2. The contaminated liquid that may leak from a Sanitary Landfill is
3. Solid Waste Management Rules were notified in the year
4. Sacred Grove is an example of conservation.
5. Core, buffer and manipulation zones are a part of
6. species are confined to a particular geographical region.

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7. Give *two* examples of Greenhouse Gases.
8. What is Photochemical Smog Composed of ?

SECTION-B

2 each

(VERY SHORT ANSWER TYPE QUESTIONS)

Note :- To be answered in **25** words :

9. Define Sewage.
10. What are Secondary Gaseous Pollutants ?
11. What is Pedology ?
12. What is the composition of e-waste ?
13. Define Biomedical Waste.
14. Define Cryopreservation.
15. Give *two* examples of Critically Endangered Species.
16. What are the causes of Global Warming ?
17. Define EIS.
18. Why is EPA, 1986 called an Umbrella Legislation ?

Or

What do you mean by Project Screening ?

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SECTION-C

3 each

(SHORT ANSWER TYPE QUESTIONS)

Note :- To be answered in **40** words :

19. How can we control air pollution with the help of electrostatic precipitators ?
20. Expand BOD. What does an increased BOD in a water body reflect ?
21. How is soil pollution caused ?
22. What are the main components of Solid Waste Management ?
23. What are the hotspots of biodiversity ?
24. Why is Greenhouse effect important ?
25. What are the impacts of Acid Rain ? <https://www.jkboseonline.com>
26. What are the steps towards achieving Sustainable Development ?
27. What are the salient features of Air (Prevention and Control of Pollution) Act, 1981 ?

Or

What is the importance of EIA ?

SECTION-D

5 each

(LONG ANSWER TYPE QUESTIONS)

Note :- To be answered in **100** words :

28. What are the different processes for controlling gaseous pollutants ?

Or

What are the sources and impacts of noise pollution ?

29. What is Eutrophication ? How does it affect water bodies ?

Or

What are the causes and consequences of marine pollution ?

30. Write short notes on the following :

(i) Soil Profile

(ii) Control of Soil Erosion

2.3

Or

Describe in detail the composition of soil.

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