

**B-30-X**

Roll No.....

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

**12<sup>th</sup>ARM(SZ)JKUT2024**

**1130-X**

**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. Deep well injection is a disposal method for ..... wastes.
2. The contaminated liquid that may leak from a sanitary landfill is .....
3. .... includes vegetable and fruit residues which are decomposable.
4. Expand IUCN.
5. .... is the variety of different genes within individual species of living organisms.
6. Expand MAB.

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Turn Over

7. Kyoto Protocol was adopted to reduce the emission of ..... gases.
8. World Ozone Day is celebrated on .....<sup>16 Sep</sup>..... .

**SECTION-B**

2 each

**(VERY SHORT ANSWER TYPE QUESTIONS)**

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

9. What is an Effluent?
10. Define Primary Gaseous Pollutants.
11. Name the different types of water found in soil.
12. What is the composition of e-waste ?
13. Define Compost.
14. Define Cryopreservation.
15. Give *two* examples of extinct species.
16. What is Montreal Protocol ?
17. Define Agenda-21.
18. Why is EPA, 1986 called an Umbrella Legislation ?

*Or*

What do you mean by Project Screening ?

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 ?
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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