

B-30-Z

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

12th ARM(SZ)JKUT2024**1130-Z****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. What are 3R's ?
2. The contaminated liquid waste that may leak from a sanitary landfill is *leachate* .
3. Vermicompost is the conversion of organic waste into manure with the help of *earthworms* .
4. What is Poaching ?
5. Wildlife sanctuaries are an example of *in-situ* conservation.
6. Biosphere programme was launched in the year *1972* .

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Turn Over

7. Give two examples of ODSs.

8. Exapnd UNFCCC.

SECTION-B

2 each

(VERY SHORT ANSWER TYPE QUESTIONS)

Note :- To be answered in 25 words :

9. Define Biomagnification.

10. What are the impacts of Particulate Matter (PM_{10}) ?

11. Define Bioremediation.

12. What is the composition of e-waste ?

13. What are the impacts of open lumping of solid waste ?

14. Define Cryopreservation. <https://www.jkboseonline.com>

15. What are the *three* levels of biodiversity ?

16. List the major factors that cause desertification.

17. What is impact prediction in EIA ?

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 ?
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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