

Roll No.....

Z-29-X

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

11thARM(SZ)JKUT2024

1229-X

ENVIRONMENTAL SCIENCE

Time : 3.00 Hours]

[Maximum Marks : 70

Section-A

(Objective Type/Multiple Choice Questions)

1 each

Note :- Q.No. 1 to 8 to be answered in one word or one sentence each.

1. The word 'environment' is derived from language.
2. is the percentage of Argon in the Atmosphere.
3. Relation between two organisms wherein one individual is benefitted at the expense of other is
4. Natality is
5. Inflammatory condition of liver is called as
6. An occupational disease caused by inhalation of dust and silica is

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Turn Over

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7. Name two organochloride pesticides.
8. Who is the pioneer of white revolution in India ?

Section-B

(Very Short Answer Type Questions)

2 each

Note :- Q. No. 9 to 18 to be answered in 30 words each.

9. What is Biosphere ?
10. Define Autecology.
11. What are biofuels ? Name any two.
12. Name different layers of Atmosphere.
13. How are Floods caused ?
14. Differentiate formal and informal means of Environmental Education.
15. Write a short note on Save Narmada Movement.
16. Define Health as per WHO Guidelines.
17. Explain Medicinal Plants as Natural Resources.
18. What is Integrated Pest Control ?

Or

What are disadvantages of using Chemical Fertilizers ?

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Section-C

(Short Answer Type Questions)

3 each

Note :- Q. No. 19 to 27 to be answered in 50 words each.

19. Write short note on Human Environment Relationship.
20. What are ecological adaptations ? Explain adaptation to wind by organisms.
21. Elaborate on different cooperative interactions among members of same species.
22. What are Biogeochemical Cycles ? Name their types.
23. Write a short note on the importance of Environmental Education.
24. What are Soil-Borne Diseases ? Give two examples.
25. What are the limitations of Malthusian Theory ?
26. What problems does overpopulation create ?
27. Describe various techniques of achieving sustainable agriculture.

Or

Explain the main causes of disappearance of traditional varieties of crops.

Section-D

(Long Answer Type Questions)

5 each

Note :- Q. No. 28 to 30 to be answered in 75 to 100 words each.

28. Describe the structure and functions of an Ecosystem.

Or

What is an Ecological Succession ? What are its types and stages ?

29. What is Nuclear Energy ? What are its advantages and disadvantages ?

Or

Define Non-renewable Energy Sources. What are the major advantages and disadvantages of using them.

30. What are Mineral Resources ? What are their different classes and uses ?

Or

How can animal resources be beneficial to mankind ?

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