

A-35-B

Roll No.....

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

XIARKDD20

2735-B

ENVIRONMENTAL SCIENCE

Time : 3 Hours]

[Maximum Marks : 70

Section-A

1 each

Note :- Q.Nos. 1-8 to be answered in *one* word or *one* sentence :

1. Relation between *two* organisms wherein one individual is benefitted at the expense of other
2. Plants growing on other plants are called
3. The main ingredient in natural gas is
4. The conversion of ammonium to nitrate is called
5. An occupational disease caused while inhaling dust and silica is
6. Inflammatory condition of liver is called

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Turn Over

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(2)

7. A pyramid in which a population has same birth and death rate is
8. Mortality is

Section-B

2 each

Note :- Q.Nos. 9-18 to be answered in 30 words :

9. What is integrated pest control ?
10. Elaborate role of 'Green Peace' towards Environment.
11. How can you stop deforestation ?
12. Why is 'World Environment Day' celebrated on 5th June ?
13. What are water borne disease ?
14. "Role of Government in food security." Explain.
15. Define 'health' as per WHO guidelines.
16. "Ann Poshi Teli, Yeli Van Poshi." Whose quote is this and what does it mean ?
17. Define Environment.
18. What do you mean by sustainable development ?

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Section-C

3 each

Note :- Q.Nos. 19–27 to be answered in **40** words :

19. Elaborate uses and abuses of nuclear energy.
20. Write a note on Biogas and its uses.
21. What are biogeochemical cycles ? Name their types.
22. What are the objectives of EVS ?
23. Briefly describe *three* water borne diseases.
24. "Alternatives to deforestation." Explain.
25. Write a note on biopesticides.
26. What is importance of environmental studies ?
27. Give graphic representation of oxygen cycle.

Section-D

5 each

Note :- Q.Nos. 28–30 to be answered in **75–100** words :

28. What are impacts of the population explosion on the Environment ?

Or

Elaborate various factors affecting human population size.

(4)

29. What is Ecological Succession ? Write a note on types of succession.

Or

What are Ecological Pyramids ? Draw sketches of pyramid of number and pyramid of biomass.

30. What is Adaptation ? Give an account of long-term adaptations with suitable examples.

Or

What are interspecific interactions ? Elaborate positive interactions with examples.