

A-35-A

Roll No.

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

XIARKDD20

2735-A

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. Plants which grow in saline Environment are called
2. Lichen is association between and
3. The chemical and organic process dead organisms undergo to become coal is
4. Ozone which acts as shield for uv-radiations occurs in which atmospheric layer
5. Widal Test is done for identifying which disease
6. Expand W.H.O.

XIARKDD20-2735-A

A-35-A

Turn Over

7. The maximum population size a particular environment can support is
8. Natality is scientific term for

Section-B

2 each

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

9. What is Bt Cotton ?
10. What are major Environmental issues ?
11. Enlist a few useful products obtained from animals.
12. Why is 'World Environment Day' celebrated on 5th June ?
13. Write a short note on Botulism.
14. What is Gene Bank ?
15. Define 'Health' as per W.H.O. guidelines.
16. Define Malnutrition.
17. Briefly describe Global Warming.
18. What do you mean by sustainable development ?

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.

Turn Over

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.