



BIOLOGY

BOOKS - UNITED BOOK HOUSE

ITS RESOURCES AND THEIR CONSERVATION

Exercise

1. Which one is not ammonifying bacteria-

A. Thiobacillus

B. Bacillus mycoides

C. Bacillus reimosus

D. Bacillus vulgaris

Answer:



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2. Which one is not micronutrient-

A. Fe

B. Zn

C. Mg

D. Mn

Answer:



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3. The bacteria that reside in the root nodule of leguminous plant is-

A. Nitrosomonas

B. Rhizobium

C. Nitrobactor

D. Pseudomonas

Answer:



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4. The amount of nitrogen present in the atmosphere is about-

A. 0.0003

B. 0.16

C. 0.4828

D. 0.7717

Answer:



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5. Blue green algae is also known as-

A. ammonifying bacteria

B. Cyano bacteria

C. Denitrifying bacteria

D. Harmful bacteria

Answer:



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6. Which one is not a denitrifying bacteria-

A. Pseudomonas

B. Micrococcus

C. Anabaena

D. Acheomobacter

Answer:



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7. Nitrogen is an essential component of all-

A. Carbohydrates

B. Proteins

C. Fats

D. Glucose

Answer:



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8. Excess Nitrogen through food and drinks cause-

A. Blue baby syndrome

B. Acquired immune deficiency syndrome

C. Acute Brain syndrome

D. Down syndrome.

Answer:



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9. Which one is not a green house gas-

- A. Carbon dioxide
- B. Carbon monoxide
- C. Oxygen
- D. Chlorofluorocarbon

Answer:



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10. Acid rain problem can be solved by-

(i) controlling the sulphur content of fuel oil

(ii) controlling the emission of smokes from

factories (iii) the use of lead-free petrol

A. (i) only

B. (iii) only

C. (i) and (ii) only

D. (ii) and (iii) only

Answer:



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11. Which of the following statements about air pollution is incorrect?

A. Depletion of the ozone layer leads to a rise in air temperature

B. Lead oxide may cause damage to the nervous system

C. Sulphur dioxide in factory smoke is harmful to crops

D. Smoke from factories may blacken trees and building.

Answer:



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12. The ultraviolet radiation in the stratosphere is absorbed by-

A. oxygen

B. ozone

C. sulphur dioxide

D. argon

Answer:



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13. Black foot disease is caused by-

A. arsenic

B. methane

C. mercury

D. fluoride

Answer:



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14. Mercury poisoning in water causes-

A. minamata disease

B. black foot disease

C. blue baby syndrome

D. itai itai disease

Answer:



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15. Acid rain is caused due to the mixing of rain water with-

A. carbon dioxide

B. carbon mono oxide

C. sulphur dioxide

D. some oxides of nitrogen

Answer:



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16. Stress and anxiety are caused by-

A. water pollution

B. air pollution

C. nuclear pollution

D. noise pollution

Answer:



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17. Increasing algal bloom in water is called-

A. ammonification

B. electrification

C. beautification

D. eutrofication

Answer:



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18. Which of the following pesticides is bioaccumulated in food chain?

A. atrazine

B. glyphosate

C. DDT

D. 2, 4-dichlorophenoxyacetic acid

Answer:



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19. A population is a group of individual in a -

A. family

B. species

C. community

D. territory

Answer:



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20. Natality refers to-

A. the rate at which new individuals are added

B. size in relation to unit space

C. the way of distribution of individuals in space

D. the rate of immigration into or emigration out

Answer:



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21. The rate at which the individuals in a population are lost by death refers to-

A. dispersion

B. dispersal

C. natality

D. mortality

Answer:



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22. Which one is called 'nature's kidney'-

- A. human kidney
- B. deforestation
- C. Wet land
- D. climate change

Answer:



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23. Asthma is mainly caused by-

A. air born disease

B. deforestation

C. Wet land

D. climate change

Answer:



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24. Which is not a hot spot-

A. Eastern Himalayas (India)

B. Eastern Ghats (India)

C. upland Western Amazonia

D. Sunderban(India).

Answer:



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25. In situ conservation refers to-

A. wealth of endemic species

B. wide variety of species

C. conserving species in natural habitat

D. conserving species in artificial habitat.

Answer:



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26. Hot spot is an area having -

- A. Wide variety of species
- B. Wealth of endemic species
- C. conserving species in natural habitat
- D. conserving species in artificial habitat.

Answer:



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27. Beta diversity means-

A. diversity between different area within one region

B. diversity within one habitats

C. diversity between habitats

D. none of these

Answer:



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28. Biosphere reserves are being threatened with-

A. pollution

B. rains

C. population growth

D. atmosphere

Answer:



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29. Alpha diversity means-

A. diversity between different area within
one region

B. diversity within one habitats

C. diversity between habitats

D. none of these

Answer:



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30. Ex-situ conservation refers to-

A. wealth of endemic species

B. wide variety of species

C. conserving species in natural habitat

D. conserving species in artificial habitat.

Answer:



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31. Which one is not an example of in-situ conservation-

- A. National park
- B. Zoological garden
- C. Sanctuary
- D. Reserve forest

Answer:



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32. Which one is not a megadiversity country-

A. India

B. Columbia

C. Srilanka

D. Astralia

Answer:



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33. Which temperature is required to preserve plant sample by cryopreservation-

- A. 0 degree centigrade
- B. – 190degree centigrade
- C. – 1 degree centigrade
- D. – 5 degree centigrade

Answer:



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34. Sundarban in West Bengal is a-

- A. National park
- B. Sanctuary
- C. Reserve bank
- D. Biosphere reserve

Answer:



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35. Draw the word diagram of Nitrogen cycle.



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36. What is the function of blue -green algae for fix up nitrogen?



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37. Describe the biological nitrogen-fixation. What is the significance of nitrogen cycle?



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38. How Air pollution occurs and give two effects of the pollution.



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39. What is acid rain? How it effects on soil,vegetation and human health?



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40. What is the main causes of water pollution and how the pollution effects on mankind?



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41. What is biological magnification. How sound effects us?



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42. Describe five problem of increasing population day by day.



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43. What are the causes of Bronchitis? What is 'global warming'?



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44. What is biodiversity? Give the importance regarding production of food and maintenance of ecological balance?



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45. Mention three causes of decrease biodiversity (no need of descriptions).



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46. Give names of the animal found in Sundarbans.



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47. What is Cryopreservation?



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48. Give names of some mammalia endangered species found in India.



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49. Why Red panda is an endangered animal?

What is the full form of IUCN and NTCA.



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Example

1. What is the main source of nitrogen?



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2. What is ammonification?



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3. Name two ammonifying bacteria.



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4. What is nitrification?



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5. What is denitrification?



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6. What is the importance of nitrogen cycle?



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7. What are the major green house gases?



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8. What is mean by global warming?



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9. What is the full form of CFC?



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10. What is smog?



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11. Mention the causes of acid rain?



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12. What is the permissible noise level at night as prescribed by central pollution control board in residential areas?



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13. What is eutrophication ?



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14. What is the measuring intensity of sound?



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15. State some harmful effects of noise pollution.



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16. What is sigmoid growth of a population?



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17. What is Red Data Book?



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18. What is Green Data Book?



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19. What is Blue Data Book?



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20. What do you mean by "over population"?



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21. What is sigmoid growth of a population?



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22. What is the full form of WWF?



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23. Give two endangered animal species in India.



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24. Name two tiger projects of West Bengal.



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25. What is biomagnification?



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26. Why use DDT has been banned?



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