

Very Short Answer Type Questions

1. Name the instrument (or device) which is needed to see the micro-organisms.

Answer

The instrument (or device) which is needed to see the micro-organisms is a microscope.

2. What is the name of micro-organisms which reproduce only inside the living cells of other organisms?

Answer

The micro-organisms which reproduce only inside the living cells of other organisms are viruses

3. What are the major groups of microorganisms?

Answer

The five major groups of microorganisms are

- Bacteria
- Viruses
- Protozoa
- Fungi
- Algae

4. Name any two human diseases caused by bacteria.

Answer

The two human diseases caused by bacteria are Cholera and typhoid.

5. Name any two human diseases caused by viruses.

Answer

The two human diseases caused by virus bacteria are Corona and influenza.

6. Name any two human diseases caused by protozoa.

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Answer

The two human diseases caused by protozoa are dysentery and malaria.

7. Name any two human diseases caused by fungi.

Answer

The two human diseases caused by fungi are athlete's foot and ringworm

8. Which micro-organism is utilized in making curd from milk?

Answer

Lactobacillus bacteria are utilized in making curd from milk.

9. Name the -micro-organism which is used for the large scale production of alcohol.

Answer

The -micro-organism which is used for the large scale production of alcohol is Yeast.

10. Name any two antibiotics.

Answer

Streptomycin and erythromycin are two commonly known antibiotics.

11. Name an antibiotic extracted from fungus (mould). Name the fungus.

Answer

An antibiotic Penicillin was extracted from fungus (mould) by Alexander Fleming in 1929. This antibiotic was made from the fungus called penicillium.

12. Name any four diseases which can be prevented by vaccination.

Answer

Four diseases which can be prevented by vaccination are Influenza, tuberculosis, Hepatitis B, Measles,

13. Name the scientist who discovered the-vaccine for 'smallpox.

Answer

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Edward Jenner discovered the vaccine for smallpox.

14. Name the scientist who discovered 'penicillin'.

Answer

Alexander Fleming discovered the antibiotic Penicillin vaccine in 1929.

15. State an important function performed by blue-green algae.

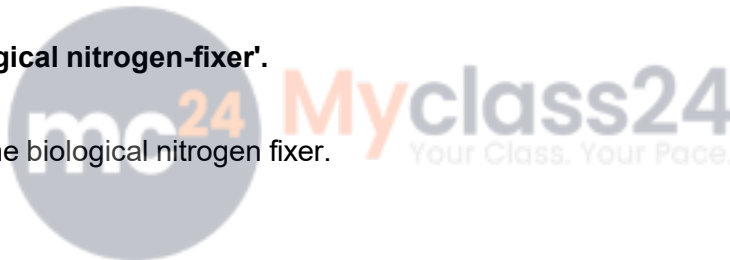
Answer

The blue-green algae help in nitrogen fixation in soil and enrich the soil fertility.

16. Name one 'biological nitrogen-fixer'.

Answer

Blue-green algae is the biological nitrogen fixer.



17. Name two common insects that act as carriers of disease-causing micro-organisms (or disease-causing microbes).

Answer

Housefly and mosquito are the two common insects that act as carriers of disease-causing micro-organisms (or disease-causing microbes).

18. Name any two diseases spread by housefly.

Answer

The two diseases spread by houseflies are cholera and typhoid.

19. Name the insect which is the carrier of a parasite of malaria.

Answer

The insect which is the carrier of a parasite of malaria is female anopheles mosquito.

20. Name the insect which carries the dengue virus.

Answer

21. Which of the two spreads dengue: mosquito or housefly?

Answer

Female Aedes mosquito spreads dengue.

22. Name two diseases spread by mosquitoes.

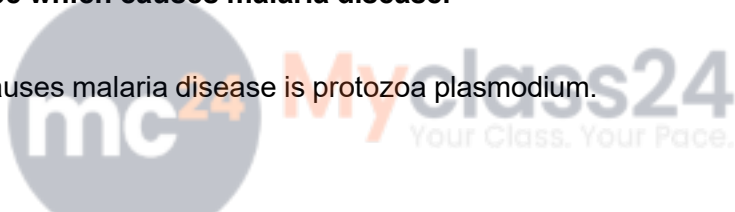
Answer

Malaria and dengue are the two diseases spread by mosquitoes.

23. Name the microbe which causes malaria disease.

Answer

The microbe which causes malaria disease is protozoa plasmodium.



24. Name one disease which spreads by breathing in air containing microorganisms.

Answer

Tuberculosis is the disease which spreads by breathing in air containing microorganisms.

25. Name one disease which spreads through insect bites.

Answer

The disease which spreads through insect bites is malaria.

26. Name one disease which spreads through infected food or water.

Answer

Cholera spreads through infected food or water.

27. Name the causative micro-organisms of the following animal diseases: (a) Foot and mouth disease (b) Anthrax

Answer

- (a) Virus
- (b) Bacteria

28. Name two food materials which are preserved by sun-drying method in our homes.

Answer

The two food materials which are preserved by sun-drying method in our homes are vegetable leaves like methi and spinach.

29. Name two food materials that are preserved by using common salt.

Answer

Fish and meat are preserved by using common salt.

30. Name two food materials which can be preserved by using sugar.

Answer

Food materials that can be preserved by using sugar are jellies and jam.

31. Name two food materials which are usually preserved by deep freezing.

Answer

Food materials that can be preserved by using deep freezing are fish and meat.

32. Name some of the preservatives which are used in the preservation of fruits as jams and jellies.

Answer

Sodium benzoate and sodium meta bisulphate is used in the preservation of fruits as jams and jellies.

33. Name some of the preservatives which are used in the preservation of fruits and vegetables as pickles.

Answer

Salt, oil and vinegar are used in the preservation of fruits and vegetables as pickles.

34. Name two food materials which can be preserved by using oil or vinegar.

Answer

The food materials which can be preserved by using oil or vinegar are meat and fish

35. Name any two special chemicals which are used as food preservatives.

Answer

Sodium benzoate and sodium meta bisulphate are two special chemicals which are used as food preservatives.

36. Name the microorganisms which can fix atmospheric nitrogen in the soil.

Answer

Blue-green algae is the microorganisms which can fix atmospheric nitrogen in the soil.

37. What type of plants can fix nitrogen gas of the air into compounds of nitrogen?

Answer

Leguminous plants can fix nitrogen gas of the air into compounds of nitrogen.

38. Name the microorganisms present in the soil and in the root nodules of leguminous plants which can fix atmospheric nitrogen.

Answer

Blue-green algae and Rhizobium bacteria (nitrogen-fixing bacteria) is present in their root nodules can fix atmospheric nitrogen.

39. Name two leguminous plants that can fix nitrogen.

Answer

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Leguminous plants like peas and beans can fix nitrogen gas of the air into compounds of nitrogen.

40. Fill in the following blanks with suitable words

- (a) Alcohol is produced with the help of _____
- (b) Blue-green algae fix _____ directly from air to enhance fertility of soil.
- (c) Micro-organisms can be seen with help of _____
- (d) Cholera is caused by _____.
- (e) Common salt has been used to preserve _____ and _____ for ages.
- (f) The food material which is preserved by pasteurization is _____
- (g) As a result of the nitrogen cycle, the percentage of nitrogen in the atmosphere remains more or less _____

Answer

- (a) Alcohol is produced with the help of Yeast.
- (b) Blue-green algae fix nitrogen directly from the air to enhance fertility of soil.
- (c) Micro-organisms can be seen with the help of a microscope.
- (d) Cholera is caused by bacteria.
- (e) Common salt has been used to preserve meat and fish ages.
- (f) The food material which is preserved by pasteurization is milk.
- (g) As a result of the nitrogen cycle, the percentage of nitrogen in the atmosphere remains more or less constant.