



BIOLOGY

BOOKS - AGRAWAL EXAM CART BIHAR

MICRO-ORGANISMS AND FOOD PRESERVATION

Jnv Previous Years 2007 2020 Questions

1. Lactobacillus is a/an-----.

A. Bacteria

B. Algae

C. Protozoa

D. Fungi

Answer: A



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2. Influenza is caused in human beings by -----

A. bacteria

B. virus

C. amoeba

D. fungus

Answer: B



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3. Smallpox vaccine was discovered by

_____.

A. Louis Pasteur

B. Robert Koch

C. Edward Jenner

D. Fleming

Answer: C



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4. Pathogenic microorganisms present in host cells are killed by medicines.

A. antibiotics

B. antibodies

C. pain killer

D. vaccines

Answer: A



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5. The first antibiotic Penicillin was discovered by:

A. Louis Pasteur

B. Robert Koch

C. Alexander Fleming

D. Edward Jenner

Answer: C



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6. Which of these does not prevent growth of bacteria?

A. Salt

B. Oil

C. Sugar

D. Water

Answer: D



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7. Scientist who discovered fermentation is _____.

A. Alexander Fleming

B. Louis Pasteur

C. Johann Mendel

D. Charles Darwin

Answer: B



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8. Given below is a list of edible plants:

(i) Banana (ii) Pumpkin (iii) Lady's finger (iv)

Brinjal

Which pair of plants have two or more edible parts?

- A. (i) and (ii)
- B. (ii) and (iii)
- C. (ii) and (iv)
- D. (i) and (iv)

Answer: C



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9. Cyanocobalamin is vitamin:

A. B_{12}

B. B_1

C. B_2

D. K

Answer: A



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10. Minerals and vitamins present in food are:

- A. protective
- B. energy giving
- C. body building
- D. roughage

Answer: A



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11. The most common carrier of communicable diseases is _____.

A. ant

B. housefly

C. dragonfly

D. spider

Answer: B



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12. Pathogenic micro-organisms present in host cells are killed by medicines called

- A. pain killer
- B. antibodies
- C. antibiotics
- D. vaccines

Answer: C



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13. A disease in human beings caused by virus is _____.

A. typhoid

B. influenza

C. dysentery

D. cholera

Answer: B



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14. Diseases occurring due to the deficiency of one or other nutrients is called :

- A. dietary disease
- B. chronic disease
- C. deficiency disease
- D. transmitted disease

Answer: C



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15. Carbohydrates can be tested by using which of the following?

A. Iodine

B. Caustic soda

C. Copper sulphate

D. Fehling's solution

Answer: D



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16. The bread or idli dough rises because of:

A. heat

B. grinding

C. growth of yeast cells

D. kneading

Answer: C



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17. Read the food items given below:

(i) Wheat

(ii)

Ghee

(iii) Iodised salt

(iv) Spinach (palak)

Which of the above food items are “energy giving foods”?

A. (i) and (iv)

B. (ii) and (iv)

C. (i) and (ii)

D. (iii) and (iv)

Answer: A



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18. The chemical name of vitamin 'D' is:

A. Ascorbic acid

B. Tocopherol

C. Cyanocobalmin

D. Calciferol

Answer: D



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19. The disease that occurs due to the deficiency of iodine in human body:

A. Goitre

B. Scurvy

C. Rickets

D. Polio

Answer: A



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20. The disease spread by virus is :

A. AIDS

B. Chicken pox

C. Measels

D. All of the above

Answer: D



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21. Refrigerator protects the eatables from getting spoiled because :

- A. On its low temperature bacteria and fungi are non reactant.
- B. On its low temperature germs killed
- C. On its low temperature germs freezed
- D. It makes eatables hygienic.

Answer: A



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22. Which of the following vitamin helps our eye in healthy working ?

A. Vitamin A

B. Vitamin B

C. Vitamin C

D. Vitamin D

Answer: A



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23. Which vitamin is made most quickly vigorously in our body?

A. Vitamin A

B. Vitamin B

C. Vitamin C

D. Vitamin D

Answer: D



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24. Fats are soluble :

A. In water

B. In Ether

C. In Kerosene

D. In Nitric Acid

Answer: B



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25. Sugar by the view point of chemistry is:

A. Urea

B. Glucose

C. Fructose

D. Sucrose

Answer: D



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26. Which of the following is used as a preservative of food materials ?

A. Ferric Chloride

B. Alum

C. Sodium Benzoate

D. None of these

Answer: C



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27. Due to which of the following the disease Measles occur ?

A. Bacteria

B. Virus

C. Parasite

D. Helminthens

Answer: B



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28. Which of the following vitamin is soluble in water?

A. Vitamin 'E'

B. Vitamin 'D'

C. Vitamin 'A'

D. Vitamin 'C'

Answer: D



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29. Which creature can maintain the fertility of soil ?

A. Bacteria

B. Fungi

C. Rat

D. Earthworm

Answer: D



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30. Which of the following disease does not occur due to biting of mosquitoes?

A. Dengue fever

B. Malaria

C. Sleeping Sickness

D. Filariasis

Answer: C



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31. Which of the following is produced by creatures?

A. Gum

B. City

C. Cashew

D. Rubber

Answer: B



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32. Due to which typhoid occurs ?

A. Bacteria

B. Virus

C. Fungi

D. Protozoa

Answer: A



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33. Pasteurization is done at:

A. $100^{\circ}C$

B. $30^{\circ}C$

C. $70^{\circ}C$

D. $45^{\circ}C$

Answer: C



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34. The reason of spore disease in animals is :

A. Bacteria

B. Insects

C. Protozoa

D. Virus

Answer: D



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35. The metal present in vitamin B_{12} is

A. Iron

B. Nickel

C. Cobalt

D. Sodium

Answer: C



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36. The vitamin soluble in water is:

A. Vitamin-A,D

B. Vitamin E,K

C. Vitamin-B,C

D. None of these

Answer: C



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37. By creating what, the vaccine provides resistivity ?

A. Antigen

B. Antibodies

C. Germs

D. None of these

Answer: B



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38. Protein is considered as:

A. A body builder

B. An energy producer

C. A regulator

D. A weight increasing substance

Answer: A



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39. For the resistance of which disease the BCG vaccine is given to kids?

A. Measels

B. T.B.

C. Chicken pox

D. Polio

Answer: B



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40. In which plant the 'Tikka' disease occurs ?

A. In groundnut

B. In soyabean

C. In potato

D. In wheat

Answer: A



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41. Due to which of the following the milk has white colour?

A. Ceratine

B. Renin

C. Lactose

D. Casein

Answer: D



42. Yeast secretes an enzyme which is responsible for fermentation. This enzyme is :

- A. Invertase
- B. Zymase
- C. Dehydrogenase
- D. Aldolase

Answer: B



Important Questions

1. Identify an antibiotic:

A. sodium bicarbonate

B. streptomycin

C. alcohol

D. yeast

Answer: B



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2. The bacterium, found in root nodules of leguminous plants is known as:

A. Anabaena

B. Nostoc

C. Azotobacter

D. Rhizobium

Answer: D



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3. The simplest unicellular organisms having rigid cell wall like plant cells are:

A. virus

B. bacteria

C. protozoans

D. fungi

Answer: B



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4. The organisms that can be stored as crystals are:

A. virus

B. bacteria

C. algae

D. fungi

Answer: A



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5. The process of conversion of sugar into alcohol is called _____.

A. nitrogen fixation

B. moulding

C. fermentation

D. infection

Answer: C



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6. The organisms which do not have chlorophyll and are mostly heterotrophs are:

A. bacteria

B. algae

C. viruses

D. fungi

Answer: D



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7. Cholera is an infectious digestive disorder in which patients have loose motions and vomiting. It is caused by:

A. Virus

B. Fungi

C. Bacteria

D. None of these

Answer: C



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8. Jams are preserved by:

A. salts

B. sugars

C. pasteurisation

D. irradiation

Answer: B



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9. Food poisoning is caused by:

A. Salmonella

B. Clostridium

C. Aspergillus

D. All of these

Answer: D



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10. Vinegar prevents spoilage of:

A. jams

B. jellies

C. pickles

D. None of these

Answer: C



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11. Common food preservative is:

A. sodium benzoate

B. sodium metabisulphate

C. mercuric chloride

D. Both (A) and (B)

Answer: D



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12. The vibrio bacteria are :

A. rod - shaped

B. spiral - shaped

C. comma-shaped

D. spherical - shaped

Answer: C



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13. Vaccines provide immunity by producing:

A. antigens

B. antibodies

C. pathogens

D. None of these

Answer: B



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14. Which of these do not have a regular cell structure ?

A. Bacteria

B. Viruses

C. Protozoa

D. Algae

Answer: A



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15. Fermentation was first discovered by

A. Louis Pasteur

B. Robert Hooke

C. Robert Brown

D. Charles Darwin

Answer: A



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16. The simple plant-like organs that lack roots, stems or leaves are:

A. protozoans

B. algae

C. virusd

D. fungi

Answer: B



17. The nitrogen-fixing blue-green algae is/are:

A. Azotobacter

B. Nostoc

C. Anabaena

D. Both (B) and (C)

Answer: D



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18. Curd is formed due to the presence of bacterium:

A. Lactobacillus

B. Streptococcus

C. Bacillus

D. None of these

Answer: A



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19. Common salt is used to preserve :

A. meat

B. fish

C. tamarind

D. All of the above

Answer: D



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20. Which of the following is a viral disease?

A. Typhoid

B. Polio

C. TB

D. Leprosy

Answer: B



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21. Pasteurisation was discovered by :

A. Louis Pasteur

B. Darwin

C. Khurana

D. Hooke

Answer: A



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22. The spoiling of food is a:

A. physical change

B. chemical change

C. Both (A) and (B)

D. None of these

Answer: B



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23. Causative organism of foot and mouth disease of cattle:

A. virus

B. bacteria

C. protozoan

D. fungi

Answer: A



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24. Dryfruits are prevented by spoiling through:

A. storage and packing

B. pasteurisation

C. oil

D. salt

Answer: A



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25. Citrus canker is caused by

A. bacteria

B. fungi

C. virus

D. protozoan

Answer: A



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26. Pasteurisation is done at:

A. $100^{\circ} C$

B. $30^{\circ} C$

C. $70^{\circ} C$

D. $45^{\circ} C$

Answer: C



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27. Amoeba and Paramecium are:

A. protozoans

B. bacteria

C. virus

D. fungi

Answer: A



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28. The spiral-shaped bacteria are called:

A. bacillus

B. coccus

C. spirillum

D. vibrio

Answer: C



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29. The microbe that increases soil fertilities is:

A. Rhizobium

B. Lactobacillus

C. Yeast

D. Streptococcus

Answer: A



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30. The bread of idli dough rises because of:

A. heat

B. grinding

C. growth of yeast cells

D. kneading

Answer: C



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31. The first antibiotic was:

A. penicillin

B. streptomycin

C. tetracycline

D. erythromycin

Answer: A



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32. Typhoid is caused by:

A. bacteria

B. virus

C. protozoa

D. fungus

Answer: A



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33. Microorganisms found in:

A. deserts

B. marshy lands

C. hotsprings

D. All of these

Answer: D



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34. Vaccine contains:

- A. live microbes
- B. dead microbes
- C. weakend microbes
- D. Both (B) and (C)

Answer: D



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35. Cottage cheese is prepared by using:

- A. Lactobacillus
- B. Streptococcus lactis
- C. Saccharomyces
- D. Penicillium

Answer: B



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36. Name the living organism which cannot seen by naked eye.

A. Microorganisms

B. Chromic organisms

C. Fermentation

D. Lyophobic organisms

Answer: A



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37. Name the single celled microorganic which found in glacier to deserts as hot spring.

A. Algae

B. Virus

C. Bacteria

D. None of these

Answer: C



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38. Name the multicellular, heterotrophic microorganisms which found in colonic

A. Algae

B. Virus

C. Bacteria

D. Fungi

Answer: D



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39. Name the unicellular or multicellular microorganism which is found in water:

A. Algae

B. Protozoa

C. Bacteria

D. Fungi

Answer: B



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40. Name the unicellular or multicellular autotrophic microorganism.

A. Algae

B. Protozoa

C. Bacteria

D. Fungi

Answer: A



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41. Name the microorganisms which require host cells to reproduce and complete their life cycle .

A. Algae

B. Virus

C. Bacteria

D. Fungi

Answer: B



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42. Lactobacillus is an example of:

A. Algae

B. Virus

C. Bacteria

D. None of these

Answer: C



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43. Penicillium and Aspergillus are examples of:

A. Algae

B. Virus

C. Bacteria

D. Fungi

Answer: D



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44. Amoeba and paramecium are examples of:

A. Algae

B. Protozoa

C. Bacteria

D. Fungi

Answer: B



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45. Spirogyra and chlamydomonas are examples of:

A. Algae

B. Protozoa

C. Bacteria

D. Fungi

Answer: A



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46. Influenza and polio are examples of:

A. Algae

B. Virus

C. Bacteria

D. Fungi

Answer: B



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47. Tuberculosis, typhoid and cholera caused by :

A. Algae

B. Virus

C. Bacteria

D. None of these

Answer: C



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48. Malaria and sleeping sickness caused by :

A. Algae

B. Protozoa

C. Bacteria

D. Fungi

Answer: B



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49. Name the process in which milk treated with mild heat to remove pathogens.

A. Pasteurization

B. Assimilation

C. Both of these

D. None of these

Answer: A



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50. Name the process in which nitrogen in Earth's atmosphere converted into ammonia.

- A. Pasteurization
- B. Assimilation
- C. Nitrogen fixation
- D. Nitrogen cycle

Answer: C



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51. Name the substance that added products to prevent from microbial growth.

A. Diazotrophs

B. Pathogens

C. Pasteurization

D. Preservatives

Answer: D



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52. Name the microorganism that fixes nitrogen.

A. Diazotrophs

B. Pathogens

C. Pasteurization

D. Preservatives

Answer: A



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53. Name the preservatives used in jam and jellies.

A. Salt

B. Sugar

C. Oil

D. None of these

Answer: B



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54. Rust of wheat caused by.....in wheat.

A. Algae

B. Virus

C. Bacteria

D. Fungi

Answer: D



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55. Vaccine for small pox is discovered by _____.

- A. Edward Jenner
- B. Edward Thomas
- C. Thomas Jenner
- D. None of the above

Answer: A



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