



BIOLOGY

BOOKS - JNAN PUBLICATION

WORLD OF MICROBES

Example

1. Microbes have survived in the earth over ___

A. 5.8 billion years

B. 2.8 billion years.

C. 8.8 billion years

D. 3.5 billion years

Answer:



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2. Microbes grow better in _____

A. darker place

B. direct sunlight

C. water

D.

Answer:



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3. A protozal disease

A. 1.tuberculosis

B. 2.hydrophobia

C. 3.malaria

D. 4.mumps

Answer:



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4. Microbes are of _____

A. three type

B. four types

C. two types

D. five type

Answer:



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5. Vaccine of hydrophobia was discovered by

- A. 1.Robart Koach
- B. 2.Louis Pasteur
- C. 3.Ehrenberg
- D.

Answer:



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6. Through sneezing spreads

A. 1. Ringworm

B. 2. Malaria

C. 3. Allergy

D. 4. Tuberculosis

Answer:



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7. A fungal disease

A. Ring worm

B. Cholera

C. Pneumonia

D. Kaja azar

Answer:



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8. Microbes are found in

A. water

B. air

C. soil

D. everywhere

Answer:



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9. If by mistake some one consumes colourful fungi, he or she will suffer from_____

A. Typhoid

B. Polio

C. enteric disease

D. malaria

Answer:



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10. State whether True or False:-

Virus possess DNA or RNA surrounded by protein coat.



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11. State whether True or False:-

Tuberculosis is a water-borne disease.



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12. State whether True or False:-

Microbes cannot survive in direct sunlight.



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13. State whether True or False:-

Microbes can take food from hot foodstuff.



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14. State whether True or False:-

Virus is a microbe



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15. State whether True or False:-

The microbes can grow better at $70^{\circ} - 80^{\circ} C$ temperature.



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16. State whether True or False:-

Algae can synthesise their own food.



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17. State whether True or False:-

Ringworm is a protozoal disease



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18. State whether True or False:-

Some colourful fungi are poisonous.



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19. State whether True or False:-

Chlamydomonas is multicellular.



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20. State whether True or False:-

Dry places are ideal for growth and survival of the microbes.



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21. State whether True or False:-

All viruses are parasites and disease-causing agents.



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22. Fill in the blanks:-

The living organism that cannot be seen with naked eyes are called _____.



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23. Fill in the blanks:-

Microbes have survived over _____ years in the earth.



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24. Fill in the blanks:-

The total mass of microbes is _____ of the mass of all living organisms.



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25. Fill in the blanks:-

Nearly _____ of oxygen is present in atmosphere.



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26. Fill in the blanks:-

Microbes cannot survive in direct _____



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27. Fill in the blanks:-

Microbes collect their food form _____ and
_____ organic substance.



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28. Fill in the blanks:-

The organisms that can produce their own food are _____



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29. Fill in the blanks:-

The _____ bacteria can grow at $100^{\circ} C$



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30. Fill in the blanks:-

_____ are structurally very simple and smallest among all living organisms.



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31. Fill in the blanks:-

In Bacteria _____ is present instead of true nucleus.



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32. Fill in the blanks:-

The description of bacteria was given for the first time by _____ in 1683.



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33. Fill in the blanks:-

The term bacteria was first used by _____ in 1828.



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34. Fill in the blanks:-

Presently, bacteria are placed in kingdom_____.



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35. Fill in the blanks:-

Name of a colonial algae is _____.



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36. Fill in the blanks:-

From the research of _____ we come to know the possible existence of a virus that causes small pox.



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37. Fill in the blanks:-

_____ are acellular.



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38. Fill in the blanks:-

_____ bacteria live in the intestine of humans for their food and shelter.



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39. Fill in the blanks:-

The interrelationship between host and microbes are called_____.



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40. Fill in the blanks:-

_____ is prepared from sugar or starch by using yeast.



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41. Fill in the blanks:-

When a sample of warm milk at a temperature of _____ is mixed with _____ present in curds, vigorous growth of bacteria takes place.



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42. Match the following:-

A	B
1) Malaria	a) grow and survive at 100°C.
2) Thermophilic bacteria	b) first used the term bacteria.
3) Louis Pasteur	c) mosquito borne disease
4) Ehrenberg	d) discovered vaccine of hydrophobia
5) Lactic acid	e) poison
6) The term 'virus' means	f) present in curd
7) Multicellular	g) kingdom of Monera
8) Bacteria is placed in	h) Spirogyra.



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43. What are microbes?



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44. For how many years microbes are there in the earth?



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45. How many microbes are there in the soil under our feet?



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46. How many microbes are there in 1g of soil?

A.

B.

C.

D.

Answer:



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47. What type of place is ideal for the growth of microbes?



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48. Name some microbes who find shelter in other organisms?



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49. Where can we find the thermophilic bacteria?



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50. What is the shape of Bacteria?



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51. What is present in bacteria instead of true nucleus?



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52. Who gave description of bacteria first time?



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53. Who discovered vaccine of hydrophobia?



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54. Who discovered two human pathogens
Cholera and Tuberculosis?



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55. Who first used the term bacteria?



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56. How many cells are there in Protozoa?



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57. Name the locomotary organs of protozoa.



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58. What is hyphae?



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59. When a mycelium is formed?



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60. Where Algae are found?



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61. Why Algae can synthesist their own food?



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62. What the term 'Virus' means?



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63. Name a unicellular and a multicellular algae.



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64. Who discovered the vaccine of small pox?



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65. Write name of three Bacterial disease?



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66. Write name of three viral disease.



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67. Write name of three Protozoan disease.



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68. Which crops increase nitrogen in soil?



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69. Which vitamin helps to synthesize haemoglobin of RBC?



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70. Which bacteria live in the nodule of the leguminous plant?



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71. What is symbiosis?



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72. How majority of the plants take nitrogen?



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73. Name some organisms which fix atmospheric nitrogen directly.



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74. What Is ammonification ?



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75. What is Nitrification?



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76. How jute fibre can be separated?



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77. Which bacteria is present in curd?



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78. Who first discovered an antibiotics?



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79. Name some antibiotics?



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80. What is Staining?



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81. What are parasitism?



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82. What are antigens?



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83. What is antibody ?



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84. What is immunity ?



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85. what is antibiotics?



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86. What is symbiosis, define?



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87. Write four characteristics of microbes.



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88. Write some characteristics of Bacteria.



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89. Write some characteristics of Protozoa.



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90. Write some characteristics of Fungi.



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91. Write some characteristics of Algae.



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92. Write some characteristic features of virus.



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93. What is parasitism, define?



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94. What is saprophytism?



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95. Suggest five ways in which we can preserve food?



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96. What is vaccination or Immunisation?

Name some diseases which can be prevented by Vaccinations.



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97. Explain some ways of treatment of waste.



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