



BIOLOGY

BOOKS - JNAN PUBLICATION

WORLD OF MICROBES



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:



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





5. Vaccine of hydrophobia was discovered by

A. 1.Robart Koach

B. 2.Louis Pasteur

C. 3.Ehrenberg





6. Through sneezing spreads

A. 1.Ringworm

- B. 2.Malaria
- C. 3.Allergy
- D. 4. Tuberculosis

Answer:



7. A fungal disease

A. Ring worm

B. Cholera

C. Pneumonia

D. Kaja azar

Answer:

8. Microbes are found in

A. water

B.air

C. soil

D. everywhere

Answer:

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:

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.

Microbes cannot survive in direct sunlight.

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13. State whether True or False:-

Microbes can take food from hot foodstuff.

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.

Algae can synthesise their own food.



17. State whether True or False:-

Ringworm is a protozoal disease



Some colourful fungi are poisonous.



19. State whether True or False:-

Chlamydomonas is multicellular.



Dry places are ideal for growth and survival of

the microbes.



21. State whether True or False:-

All viruses are parasites and disease-causing

agents.



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.

| 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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Microbes cannot survive in direct ____



27. Fill in the blanks:-

Microbes collect their food form _____ and

____ organic susbtance.

The organisms that can produce their own

food are _____



29. Fill in the blanks:-

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

____ are structurally very simple and

smallest among all living organisms.



31. Fill in the blanks:-

In Bacteria _____ is present instead of true

nucleus.

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.

| 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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| | | | | | |

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.

_____ 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_____.

__ 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.

42. Match the following:-

| Α | 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) Multicellur | g) kingdom of Monera | | |
| 8) Bacteria is placed in | h) Spirogyra. | | |



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43. What are microbes?

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.

Β.

C.

D.

Answer:

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47. What type of place is ideal for the growth

of microbes?





48. Name some microbes who find shelter in

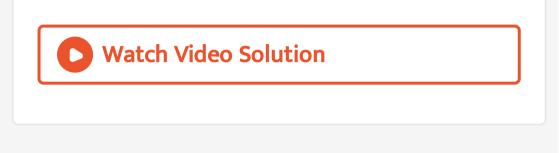
other organisms?

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49. Where can we find the thermophilic

bacteria?

50. What is the shape of Bacteria?



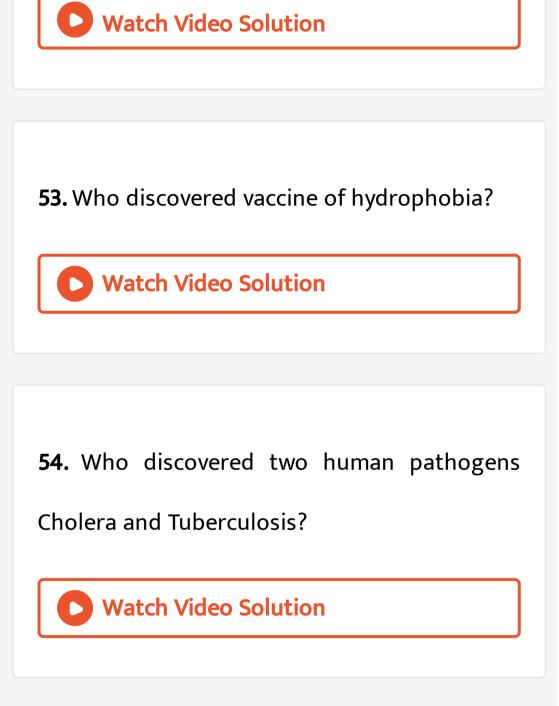
51. What is present in bacteria instead of true

nuclus?

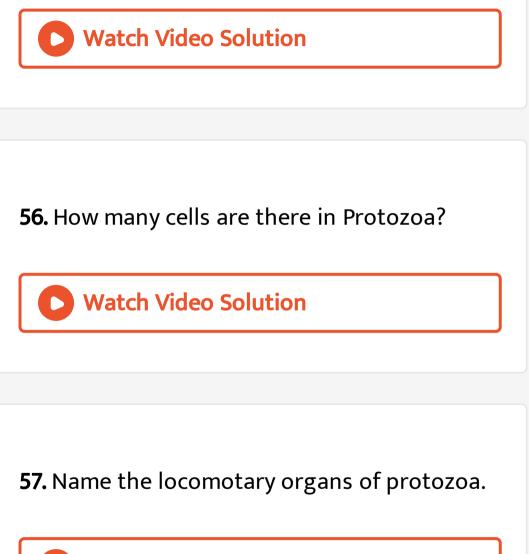
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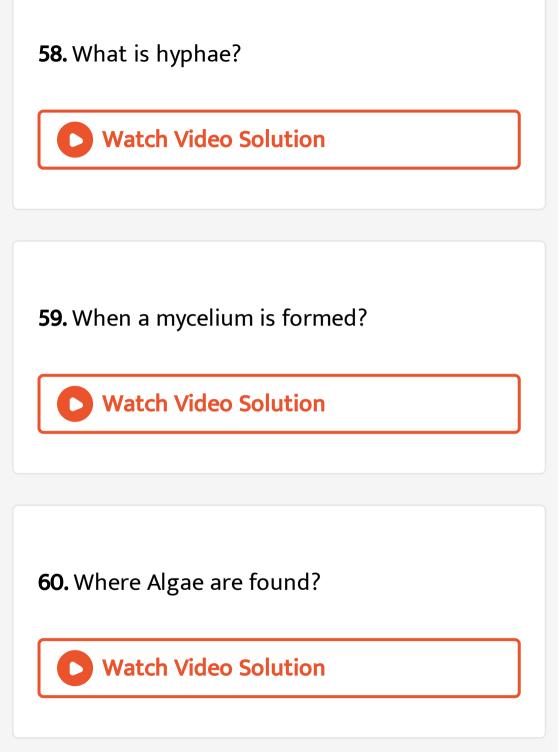
52. Who gave description of bacteria first

time?

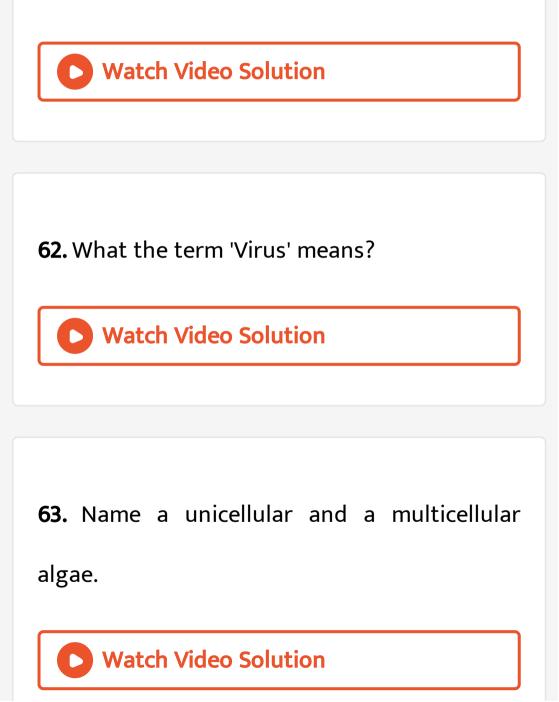


55. Who first used the term bacteria?

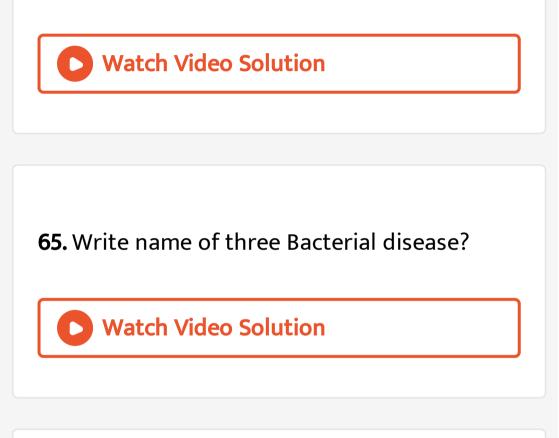




61. Why Algae can synthesist their own food?

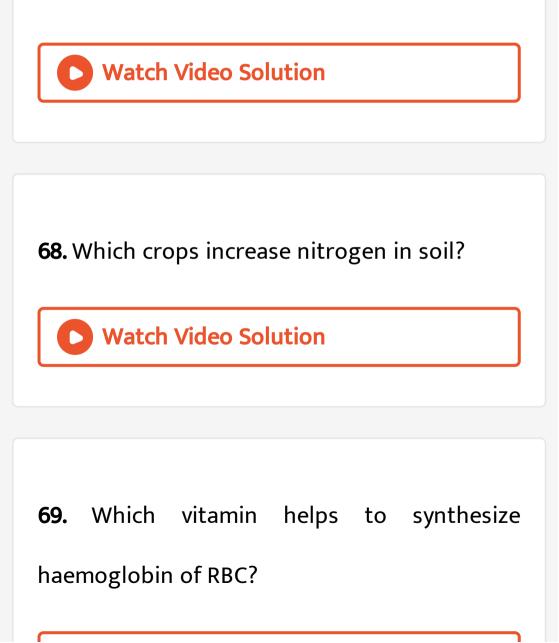


64. Who discovered the vaccine of small pox?



66. Write name of three viral disease.

67. Write name of three Protozoan disease.





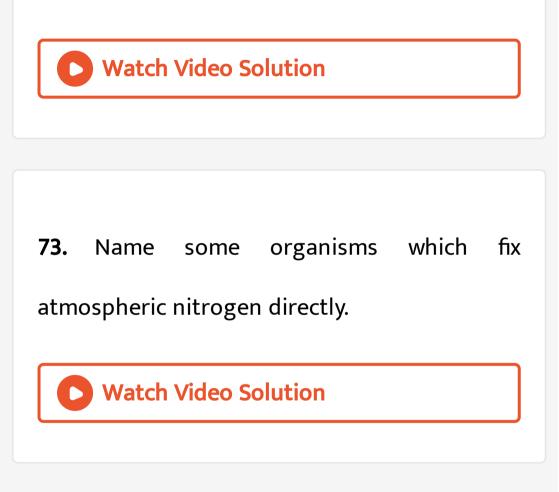
70. Which bacteria live in the nodule of the

leguminous plant?

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71. What is symbiosis?

72. How majority of the plants take nitrogen?



74. What Is ammonification ?



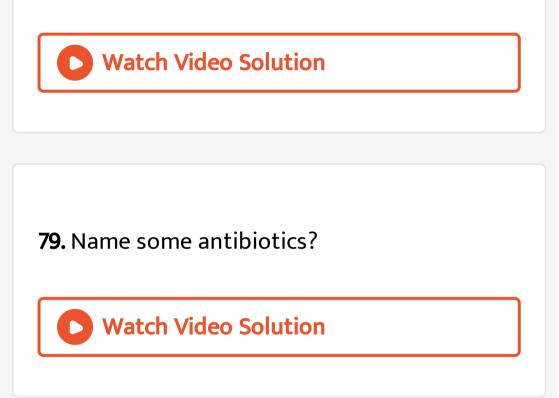
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76. How jute fibre can be separated?

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77. Which bacteria is present in curd?

78. Who first discovered an antibiotics?



80. What is Staining?

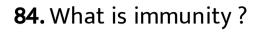
81. What are parasitism?

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82. What are antigens?

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83. What is antibody?



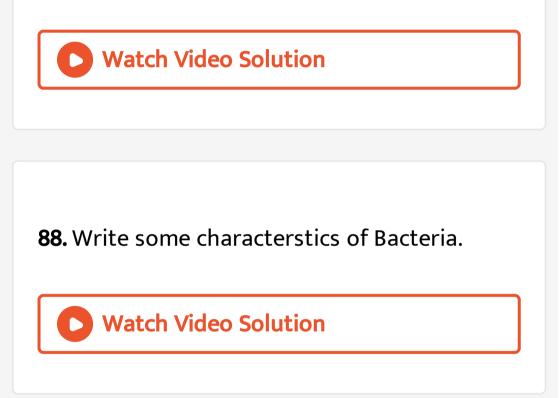
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85. what is antibiotics?

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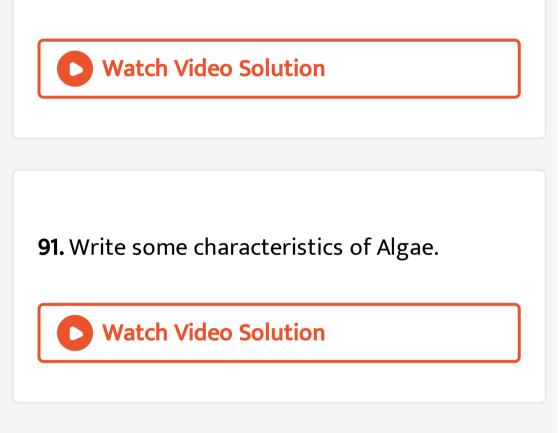
86. What is symbiosis, define?

87. Write four characterstics of microbes.



89. Write some characterstics of Protozoa.

90. Write some characterstics of Fungi.



92. Write some characteristic features of virus.

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?



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.