

8C Microbes and disease

Extension questions

Science Interactive LTD, PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

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Answer the following questions:



Click mouse to reveal answer

- Q1. Name a solid yellow food made from milk?
- Q2. Name a nutrient jelly for growing bacteria?
- Q3. Name the single celled fungi important for their ability to ferment carbohydrates?
- Q4. Name the famous antibiotic discovered by Alexander Fleming?
- Q5. What are mushroom shaped, often poisonous, fungi called?
- Q6. What do we call a disease that spreads rapidly through a population?
- Q7. Give the scientific term for microscopic organisms, bacteria for example?
- Q8. What are primitive single celled organisms called?
- Q9. What do we call a simple organism that can only reproduce within a living plant or animal cell? (They often cause disease)
- Q10. What is a simple plant that lacks green chlorophyll called. Athlete's foot is caused by one of these?
- Q11. What do we call a chemical that kills bacteria?
- Q12. What do we call a mass of bacteria growing in a Petri dish?
- Q13. Name the method of stimulating resistance to diseases in the human body using microbes?
- Q14. What do we call an increased resistance to a particular disease?
- Q15. What do we call an organism that causes disease?
- Q16. What do we call the result of disease causing bacteria entering the body?

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Answers:

- A1. Cheese
- A2. Agar
- A3. Yeast
- A4. Penicillin
- A5. Toadstools
- A6. An Epidemic
- A7. Microbe
- A8. Bacteria
- A9. Virus
- A10. Fungus
- A11. Antibiotic
- A12. A Culture
- A13. Vaccination
- A14. Immunity
- A15. A Pathogen
- A16. Infection

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multiple choice

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1: Microbes is the name for which of the following ?

- A Platelets, bacteria and viruses
 - B Bacteria, viruses and fungi
 - C Fungi, insects and moss
 - D Spores, fungi and moss
-

2: What prevents the growth of most bacteria ?

- A Moisture
 - B Warmth
 - C Boiling
 - D Cooling
-

3: Which of the following diseases is caused by a virus ?

- A Scurvy
 - B Indigestion
 - C Cholera
 - D Small pox
-

4: What organs is protected by ciliated epithelial cells and mucus ?

- A The stomach
 - B The heart
 - C The liver
 - D The lungs
-

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Answer all the questions below:



1) Unscramble the following words:

robmices

sesvuir

riatebac

asedise

2) Make three sentences using the following nine words or phrases:

microbes
immunisation
white blood cells

cause disease
helps
antibodies

in humans
prevent
pathogen

3) Match the word or phrase with the right meaning:

Microbe

Unicellular organisms: either rod, coccus or spiralum

Bacteria

This helps prevent dangerous disease spreading in humans

Immunisation

A pathogen like viruses that are able to cause disease

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complete the sentence

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Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

three

dirt

living

disease

prevents

barrier

engulf

virus

needles

- a) There are ____ types of microbes bacteria, fungi and viruses.
- b) Microbes are ____ organisms that are too small to see.
- c) The spread of _____ is caused by microbes entering your body.
- d) An example of a disease _____ by a virus is influenza.
- e) Vaccination helps _____ humans contracting diseases caused by viruses.
- f) Humans who share _____ can infect each other with diseases like HIV and hepatitis.
- g) Acid found in our stomach is a good example of a _____ to entry for bacteria found in food.
- h) White blood cells will _____ foreign microbes found in your body.
- i) Bacteria feed on all kinds of materials including household ____ and grease.

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