

St. Andrews Scots Sr. Sec. School

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Session: 2025-2026 - Worksheet - 2

Class: VIII

Subject: Science

Topic: Microorganisms

Q.1. Define:

- (a) Cyst
- (b) Microbiology
- (c) Food preservation

Q.2.Fill in the blanks:

- a) _____ are on the borderline of living and non-living.
- b) Yeast is added to dough to produce_____ which makes the dough rise.
- c) _____ can kill disease causing microbes without causing injury to body.
- d) _____, _____ are chemicals that inhibit microbial growth.
- e) The female Aedes mosquito is carrier of the_____ virus.

Q3. Very Short Question Answers:

- a) Write the name of a bacterium that helps in the formation of curd.
- b) What is vaccination?
- c) Name two plant diseases caused by fungi.
- d) Who discovered the vaccine for smallpox?
- e) Name the first antibiotic discovered.

Q.4. Multiple Choice Questions:

- a) Bacilli are the bacteria that are
 - i) rod-shaped ii) comma-shaped iii) curved-shaped iv) spiral

b) Commensal bacteria which is present in the intestine of a human being synthesises which vitamin?

i) Vitamin A ii) Vitamin B complex iii) Vitamin C iv) Vitamin D

c) Fungus can be seen with a

i) microscope ii) telescope iii) magnifying glass iv) both (a) and (b)

d) Microorganisms are also known as

i) yeast ii) microbes iii) viruses iv) amoeba

e) Tiny organisms which cannot be seen with the naked eyes are called

i) microorganisms ii) animals iii) fungi iv) bacteria

Q.5. Answer the following Questions:

(a) Why does curd set faster in summers than in winters?

(b) Why do we say that if a person suffers from chickenpox once, he/she is not likely to be attacked by the same disease in future?

(c) Why should we always wash our hands before handling food items?

(d) Polio drops are not given to children suffering from diarrhoea. Why?

(e) How will you prove that carbon dioxide is released during fermentation?