

PM SHRI KENDRIYA VIDYALAYA NO. 1, ICHHANATH,SURAT

SUMMER VACATION HOLIDAY HOMEWORK (SESSION 2026-27)

Class – VIII

Subject – Science

Instructions:

* Complete your homework neatly in your notebook only.

1	<p>1. Read the passage and answer the questions: Microscopic organisms like bacteria, fungi, and protozoa are present everywhere. Some are useful, such as <i>Lactobacillus</i> in curd, while others cause diseases like tuberculosis and malaria.</p> <ul style="list-style-type: none">○ (a) Name two diseases caused by microorganisms.○ (b) Give one example of a useful microorganism.○ (c) Explain how microorganisms can be both "friend and foe."
2	<p>Real-Life Application</p> <ul style="list-style-type: none">• Study the situation: Ravi left some cooked rice outside overnight. By morning, it had a foul smell and sticky texture.<ul style="list-style-type: none">○ (a) Which type of organisms spoiled the food?○ (b) What conditions helped them grow?○ (c) Suggest two methods to prevent such food spoilage
3	<p>Case study: During monsoon, dengue and malaria cases rise rapidly in some areas.</p> <ul style="list-style-type: none">○ (a) Name the organisms that cause these diseases.○ (b) How do they spread?○ (c) Suggest any two preventive measures to control their spread.
4	<p>Observe the paragraph: A community health camp organized free vaccination for children against polio and measles. Many parents brought their children, but some refused due to fear.</p> <ul style="list-style-type: none">○ (a) What is vaccination?○ (b) Why is it important for children?

	<ul style="list-style-type: none">○ (c) Suggest two ways to spread awareness about vaccines in society.
5	<p>Read the data: The World Health Organization (WHO) reports that poor sanitation and unsafe drinking water cause millions of deaths due to diarrheal diseases every year.</p> <ul style="list-style-type: none">○ (a) Name one microorganism that causes diarrhoea.○ (b) How does unsafe drinking water spread such diseases?○ (c) Suggest two measures to ensure safe drinking water at home.