

Q1. Word-meanings:

- 1) Microorganisms- very tiny living organism
- 2) penicillin- medicine made from micro-oraganism
- 3) germs- diseases causing micro-organisms
- 4) decompose- dissolve
- 5) diseases- sickness
- 6) Antiseptic- something that prevent infection
- 7) safety rules- rules to avoid accidents
- 8) panic- fright
- 9) poisonous -toxic
- 10) accident-an incident that happen by chance

Q2. Answer the following question:

- 1) How many types of micro-organisms?

Ans: There are four types of microorganisms: bacteria, viruses, protozoa and fungi.

- 2) Name the diseases caused by bacteria.

Ans: Some bacteria cause diseases like tuberculosis, diphtheria, typhoid and pneumonia.

- 3) What are fungi?

Ans: Fungi are smaller non-green plants which grow on dead and decaying matter.

- 4) Write some uses of microorganisms.

Ans: Some microorganisms are very useful to us

- A fungus called yeast helps to make bread or idlis fliffy and soft
- Bacteria called lactobacillus convert milk into curd
- Some medicines are also made from microbes.

- 5) What do you mean by germs?

Ans: The microorganisms that cause diseases are called germs.

- 6) Why should we follow safety rules?

Ans: We should follow safety rules to avoid accidents.

- 7) Write two safety rules that you should follow in the bathroom.

Ans: Safety rules for the bathroom:

- When bathroom is not in use, keep it dry and clean.
- Do not leave toys and bar of soap on the floor.

- 8) Write first aid tips for burns.

Ans: Tips for burns:

- Wash the burnt area with cold running water

- Put an ice pack on the burnt area, or dip it in cold water, till the skin irritation is gone.

9) What things should be kept in the first aid kit?

Ans: A first aid box should contain:

- An antiseptic lotion, such as Dettol or Savlon.
- Gauze and cotton pads
- A pair of scissors
- Bandage
- Antiseptic cream for cuts and burns
- Adhesive tape

Q3. Fill in the blanks.

- 1) Several medicines are **poisonous** for children.
- 2) We should touch **electrical** fittings or switch with wet hands.
- 3) Always walk on the **footpath**.
- 4) **Synthetic** clothes catch fire easily.
- 5) We should cross the road at **left side**.
- 6) Microorganisms cannot be seen with our naked eyes.
- 7) **Viruses** are smaller than bacteria.
- 8) Mushrooms are good source of **proteins**.
- 9) Bacteria called **lactobacillus** convert milk into curd.
- 10) Microorganism cannot grow in **cold** conditions.

Q4. True or False:

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| 1) We can see microorganisms only through a microscope | <u>True</u> |
| 2) Diseases like pneumonia, tuberculosis are caused by viruses. | <u>False</u> |
| 3) Protozoa live in dry places. | <u>False</u> |
| 4) Fungi grow on dead and decaying matter. | <u>True</u> |
| 5) Penicillin was discovered by Alexander Fleming. | <u>True</u> |
| 6) Use zebra crossing while crossing the road . | <u>True</u> |
| 7) Always throw peels of fruits and vegetables on the road. | <u>False</u> |
| 8) Most of the accidents occur due to our carelessness. | <u>True</u> |
| 9) In case of insect bite, we should apply calamine lotion on affected area. | <u>True</u> |

