

WELCOME TO THE ONLINE CLASS

SESSION NO.: 7

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 2

CHAPTER NAME: FOOD AND HEALTH

SUB TOPIC: COMMUNICABLE DISEASES

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **identify the different types of diseases**
- **list down the different types of communicable diseases**

WARM UP

- **Define diseases.**
- **What are the different types of diseases?**
- **Disease caused by the deficiency of vitamin B1.**
- **Disease caused by the deficiency of vitamin A.**
- **Disease caused by the deficiency of iodine.**

DISEASES

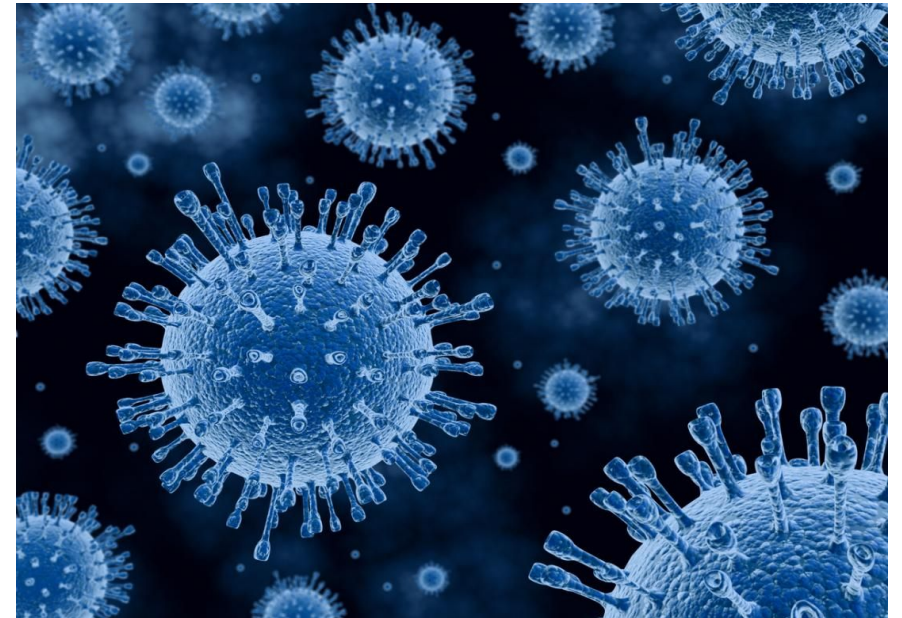
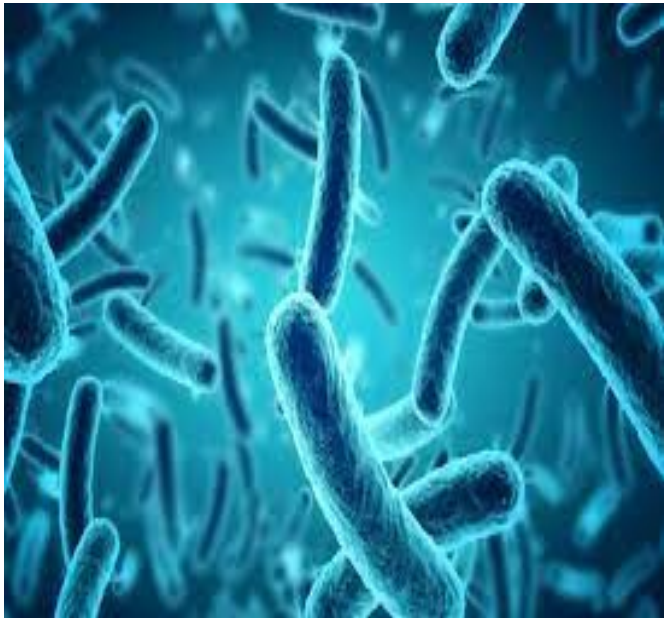
- **A disease is an abnormal condition in which the body is not able to function properly.**
- **Diseases can occur due to many reasons.**

TYPES OF DISEASES

- **Non-communicable diseases**: Diseases that cannot pass from one person to another person are called non-communicable diseases.
- **Communicable diseases**: Diseases that can pass from one person to another person are called communicable diseases.

COMMUNICABLE DISEASES

- The diseases that can be passed from one person to another are called as communicable diseases.
- Communicable diseases are spread by microbes or germs called bacteria, protozoa and viruses.



COMMUNICABLE DISEASES

- These germs spread through coughing, spitting or sneezing.
- Germs enter the body of a person through the nose or mouth, or with food and water.
- They can also enter the body through cuts in the skin.



DISEASES CAUSED BY MICROBES OR GERMS

- **Bacteria** causes diseases like plague, tuberculosis, typhoid, pneumonia and meningitis.
- **Protozoa** caused diseases like malaria and amoebic dysentery.
- **Viruses** cause diseases like the common cold, polio, chickenpox and measles.

SPREAD OF COMMUNICABLE DISEASES

Some ways in which communicable diseases spread are:

- **through direct contact**
- **through infected food and water**
- **through the air we breathe**
- **through insects**
- **through carriers**

SPREAD OF COMMUNICABLE DISEASE THROUGH DIRECT CONTACT

- Many diseases like common cold, chickenpox, measles, ringworm, whooping cough and scarlet fever are the communicable diseases that spread through direct cough, either through clothing or other articles used by the sick person.



SPREAD OF COMMUNICABLE DISEASE THROUGH INFECTED FOOD AND WATER

- **Some diseases like typhoid, cholera, jaundice, diarrhoea and polio spread by eating infected food and drinking polluted water.**
- **Flies and cockroaches carry germs from sewers and contaminated our food and water.**
- **Handling of food with dirty hands and lack of proper sanitation are the main causes of pollution of food and water.**
- **Milk from diseased cows can also be a source of infection.**

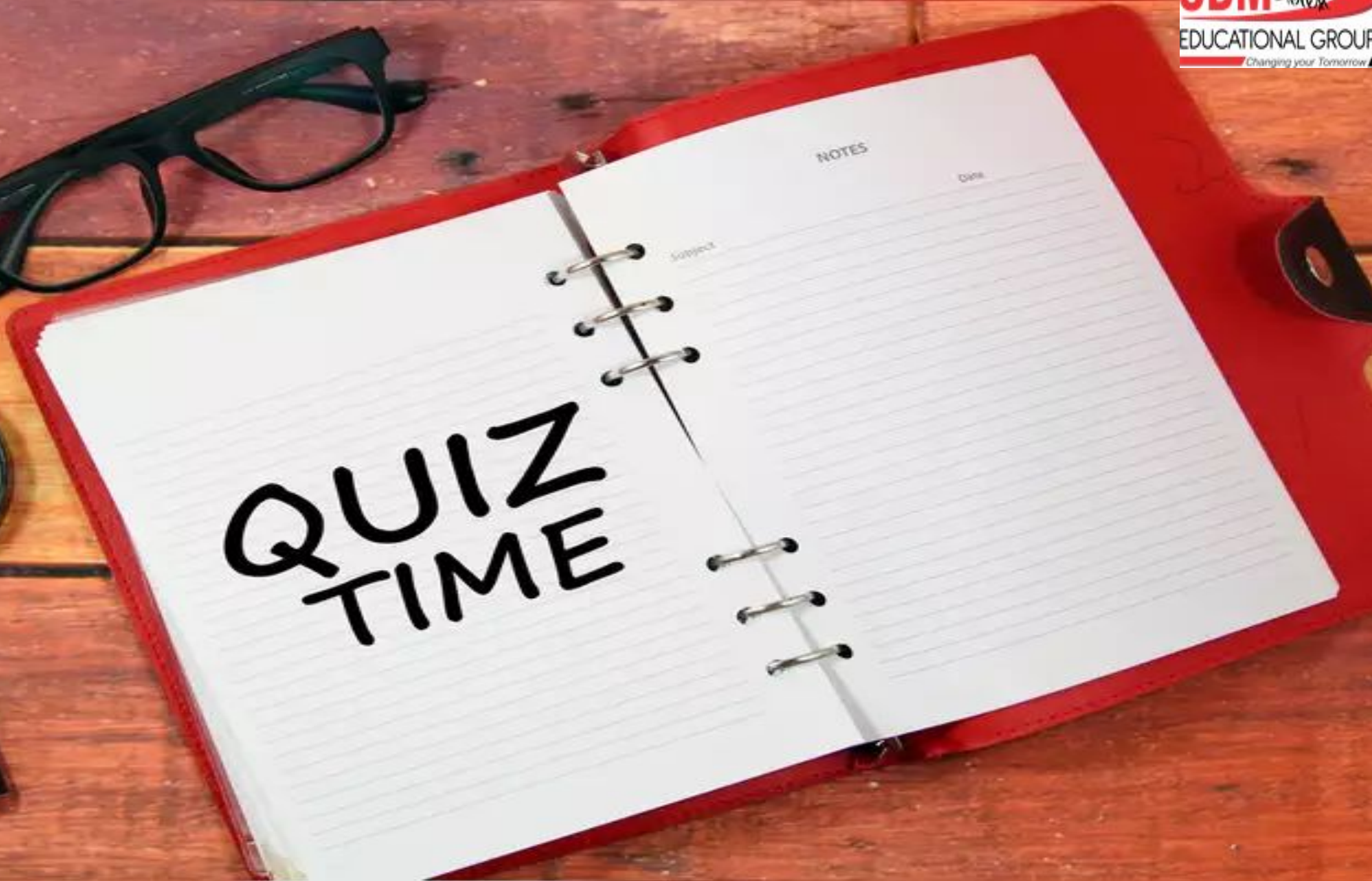
SUMMARY

- **A disease is an abnormal condition in which the body is not able to function properly.**
- **Communicable diseases are the diseases that can pass from one person to another.**

ONLINE QUIZ

<https://quizizz.com/join/quiz/5ef838ddd4e164001b5da502/start?studentShare=true>





**QUIZ
TIME**

NOTES

Date

Subject

1. Disease that cannot spread from one person to another.

ANS: Non- communicable disease

2. Common cold, chickenpox, measles, ringworm, whooping cough and scarlet fever are _____ diseases.

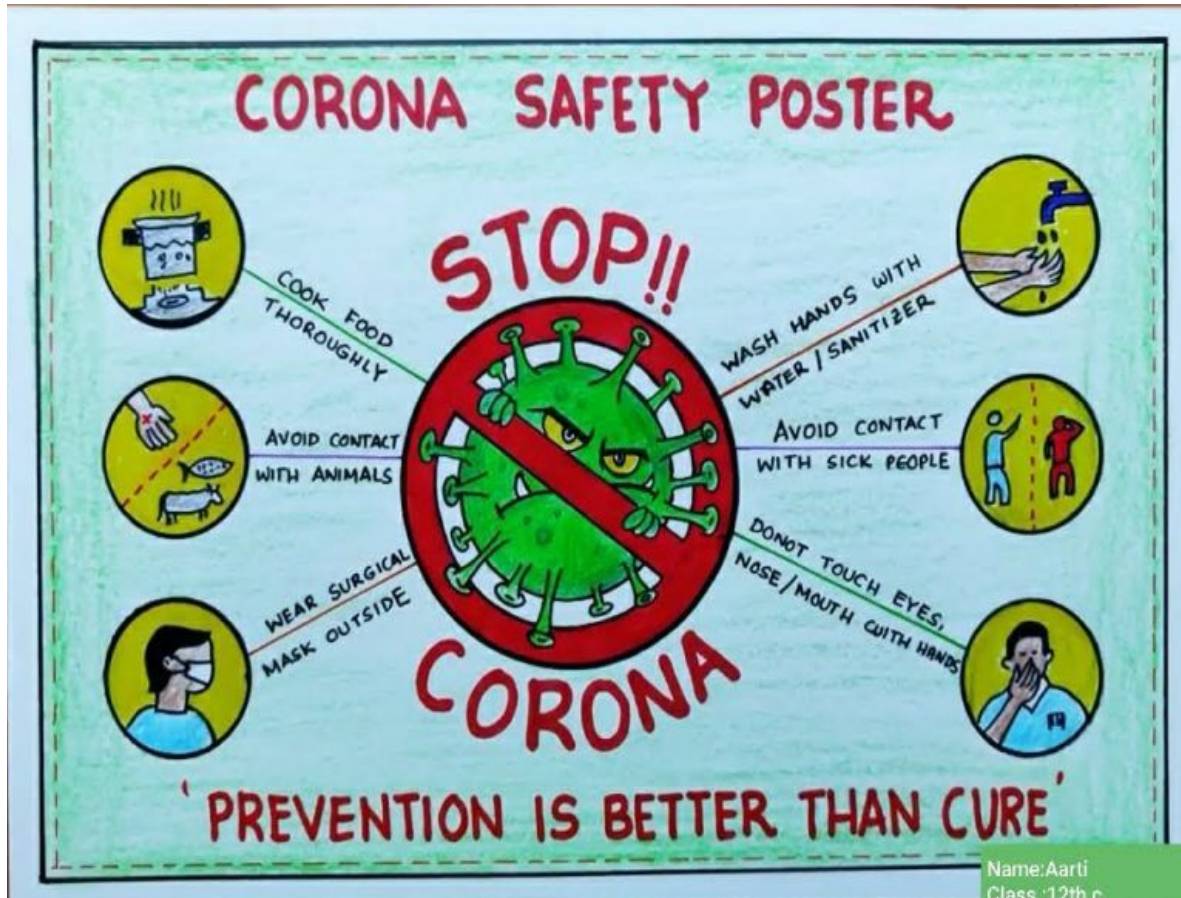
ANS: Communicable Diseases

3. Common cold, polio, chickenpox and measles are caused by _____.

ANS: Viruses

HOMEWORK

- Make a poster showing the preventive measures on COVID-19.



LEARNING OUTCOME

The learner will be able to

- **identify the different types of diseases**
- **list down the different types of communicable diseases**

THANKING YOU
ODM EDUCATIONAL GROUP