ST. MICHAEL'S SCHOOL, MURI

STUDY MATERIAL CUM HOME ASSIGNMENT 2020 -21 FOR CLASS – I

SUB   :   COMPUTER

SYLLABUS DETAILS

PERIODIC TEST – I

Chapter – 1 (INTRODUCTION TO MACHINE)

- **Machines and their uses**
- **Machine need different sources of energy**
- **Computer as machine**
- **Early calculating devices**

Chapter – 2 (A SMART AND MULTIPURPOSE MACHINE : COMPUTER)

- **Features of computer**
- **Computer as best friend**
- **Uses of computer**

1. INTRODUCTION TO MACHINES

INTRODUCTION

- ❖ Machines and their uses
- ❖ Computer as Machine
- ❖ Machine Need Different Sources of Energy
- ❖ Early Calculating Devices

MACHINE AND THEIR USES

What is Machine?

Machines are man – made things. Car, Train, Air Conditioner

Why do we need machine?

Machines work very fast. Machines help us to save time. Machines make our work easy.

USES OF MACHINE

We use different machines for different purposes. A refrigerator keeps food fresh and cold. A car takes you from one place to another. A camera helps you to take photographs. An air conditioner keeps the room cool.

A computer does many things. Draw pictures, solve sums.

MACHINES NEED DIFFERENT SOURCES OF ENERGY

Machines work with different source of energy. Some machines work with manpower. For example : Bicycle, Scissors. Some machines work on fuel. For example : Car, Bus, Aeroplane. Some machines work on electricity. For example : Refrigerator, Fan, Air conditioner.

COMPUTER AS MACHINE

Hello children! Greetings. My name is computer. CPU Box, Monitor, Keyboard, UPS, Mouse, Speaker. There were a few calculating devices before my birth.

EARLY CALCULATING DEVICE

Abacus was the first counting device. It was made of wood and beads. A nineteen year old French boy Blaise Pascal developed first automatic calculator. Its name was Pascaline.

WHAT IS COMPUTER?

A computer is an electronic calculating machine.

EXERCISES

A. Fill in the blanks with the correct word.

1.

C	O	M			T		R

2.

	B	A		U	

3.

P	A		C		L		N	

Answer: 1. COMPUTER   2. ABACUS   3. PASCALINE

B. State 'T' for true and 'F' for false statements.
1. Machines are not made by man. (F)
2. Machines work very fast. (T)
3. Machines save time and energy. (T)

C. Answer the following questions.
1. Name the first counting device.
   Ans.   The first counting device is Abacus.
2. Chair is a man – made object. Is chair a machine?
   Ans.   No, chair is not a machine.
3. What is machine?
   Ans.   A machine is a man – made thing.
4. What is a computer?
   Ans.   A computer is an electronic calculating machine.
5. Name two early calculating devices.
   Ans.   (a) Abacus   (b) Pascaline
6. Name two machines that works with man power.
   Ans.   (a) Bicycle   (b) Scissors

D. Tick (✔) the correct option.

1. Which of the following runs on fuel?

   (a) car (✔)   (b) fan ( )   (c) bicycle ( )

2. Which of the following is a calculating machine?

   (a) AC ( )   (b) scissors ( )   (c) computer (✔)

3. Which of the following is used to take photographs?

   (a) car ( )   (b) camera (✔)   (c) train ( )

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2. A SMART AND MULTIPURPOSE MACHINE : COMPUTER

INTRODUCTION

- ❖ Features of Computer
- ❖ Uses of Computer
- ❖ Computer as Best Friend

FEATURES OF COMPUTER

I was born as a smart machine with multipurpose use.

Do you know why I am smart?

I work very fast. I never get tired. I do many things at the same time. I remember many things. I never make mistakes.

COMPUTER AS BEST FRIEND

I am your best friend.

1. I solve sums for you. You can do calculations very fast on the computer.
2. I draw and colour for you. You draw pictures and make greeting cards on the computer.
3. I play games with you. You play games like chess, cricket, football and car racing on the computer.
4. I store information for you. You can store telephone numbers and address of friends and relatives on the computer.
5. I play music for you. You can listen different music and songs on the computer.
6. I play movies for you. You watch movies like Krishna, Hanuman, Spider man, Harry Porter on the computer.
7. I write for you. You do homework with the help of a computer.
8. I send and receive messages for you. You write letters or messages to friends and relatives. You talk and see their pictures on the computer.
9. I search information for you. You can find information on various subjects from computer through internet.

USES OF COMPUTER

I am used at many places.

1. Computer is used in school for teaching.
2. Computer is used to sell and purchase items from home.
3. Computer is used in offices to keep records.
4. Computer helps doctors to diagnose diseases.
5. Computer helps to book tickets.
6. Computer helps scientists to send satellites into space.
7. Computer is used to make cartoon movies.

EXERCISES

A. Fill in the blanks with the correct word.

1. | S | M | | R | |

2. | M | | C | | I | | E | |

3. | M | U | L | | I | P | | R | P | | S | |

Answer : 1. SMART   2. MACHINE   3. MULTIPURPOSE

B. State 'T' for true and 'F' for false statements.

1. Computer is used to watch movies. (T)
2. Computer is used in school for playing. (F)
3. Computer send and receive messages. (T)

C. Answer the following questions.

1. Can you write on computer?

Ans. Yes, we can write on computer.

2. Can computer help the doctors?

Ans. Yes, computer helps the doctors.

3. Why computer is called a multipurpose machine?

Ans. Computer is called a multipurpose machine because it can solve sums, play games, music and movies.

4. Give two features of computer that makes it smart.

Ans. (a) Computer works very fast.
(b) Computer never gets tired.

5. Give two uses of computer.

Ans. (a) Computer is used in school for teaching.

(b) Computer is used in office to keep records.

6. Name two activities which are done by the computer.

Ans. (a) Computer can store information.

(b) Computer can send and receive messages.

7. Write two places where computer is used.

Ans. (a) Offices.

(b) Hospitals.

D. Tick (✓) the correct option.

1. Which of the following is not a feature of computer?

(a) I work very fast. (   )

(b) I get tired. (✓)

(c) I never make mistakes. (   )

2. Which of the following cannot be done on computer?

(a) I play games with you. (   )

(b) I store information for you. (   )

(c) I go to school for you. (✓)

HOME ASSIGNMENT

Learn and write all the exercises of Chapter 1 and 2.

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