

Think Tank



Think of a machine that doesn't exist yet. Draw it in your notebook and write any one of its use.

Hashtag

- #Touchscreen: A screen that can be operated using fingertips
- #Robots: A smart machine designed to help humans

REVISIT

- ▶ A computer is a fast machine. It works faster than humans.
- ▶ A desktop, laptop, tablet, smartphone and supercomputer are different types of computers.
- ▶ Computers are used in many places, such as homes, schools, hospitals, offices, banks, shops, airports, railway stations, police stations, publishing, and science and defence.

ASSESS YOURSELF

1. Tick (✓) the correct option.

a. Which of the following is not possible for a computer to do?

- | | | | |
|---------------------|-------------------------------------|---------------------|--------------------------|
| (i) Sending emails | <input type="checkbox"/> | (ii) Typing letters | <input type="checkbox"/> |
| (iii) Feeling happy | <input checked="" type="checkbox"/> | (iv) Solving sums | <input type="checkbox"/> |

b. Which of the following is the smallest computer?

- | | | | |
|------------------|-------------------------------------|-------------|--------------------------|
| (i) Desktop | <input type="checkbox"/> | (ii) Laptop | <input type="checkbox"/> |
| (iii) Smartphone | <input checked="" type="checkbox"/> | (iv) Tablet | <input type="checkbox"/> |

c. Which of the following is the most powerful computers?

- | | | | |
|--------------|--------------------------|---------------------|-------------------------------------|
| (i) Laptop | <input type="checkbox"/> | (ii) Supercomputers | <input checked="" type="checkbox"/> |
| (iii) Tablet | <input type="checkbox"/> | (iv) Desktop | <input type="checkbox"/> |

2. Write 'T' for true and 'F' for false.

a. A computer is a human-made machine.

T

b. We cannot watch movies on a computer.

F

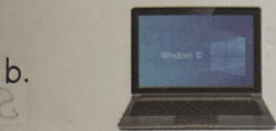
c. A tablet is smaller than a laptop.

T

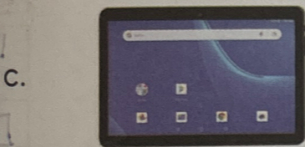
3. Match the computers with their correct names.



(i) Tablet [c]



(ii) Smartphone [d]



(iii) Desktop computer [a]



(iv) Laptop [b]

4. Answer in one or two words.

a. What are desktop computers also known as?

personal computer

b. Which computer can easily fit on our lap?

laptop

c. Which computers can be easily carried in our pockets?

smartphones

d. Which computers are used for scientific research?

supercomputer

5. Write 'H' below the qualities of humans and 'C' below the qualities of a computer.

Can take decisions on its own

H

Needs instructions to work

C

Can make mistakes

H

Works on electricity

C

Works very fast

C

Does not get tired

C



6. Application-based questions.

a. Write 'D' for Desktop Computer, 'L' for Laptop, 'T' for Tablet, 'S' for Smartphone, and 'SC' for Supercomputer below the descriptions.

(i) Mobile phone with computer features

S

(ii) Smaller than a laptop with a touchscreen display

T

(iii) Fits in our laps and can be carried easily

L

(iv) Kept on a desk and not easily movable

D

(v) Powerful computer for complex calculations

SC

b. Ravi's parent goes to a place where a computer is used to print flight tickets. What is this place called?



GROUP DISCUSSION



Divide the students into three groups and ask them to talk about which computer is best for playing games: Desktop computer, Laptop or Smartphone?

SDG Activity

Using too much of anything isn't good. This is also true for machines. Some machines hurt the Earth when we use them too much. Identify two such machines near you and discuss how we can use them properly.

13 CLIMATE ACTION

