



Class Room Activity

ACTIVITY 1: The students must explore the contribution of following IT professionals of India using Internet and collect interesting information regarding them.



Mr. Azim Premji is India's Bill Gates and he is the founder of Wipro Technologies.



Mr. Narayana Murthy is the Co-founder of Infosys Technologies.



Ajay Bhatt known as Co-Inventor of the USB.



Sabeer Bhatia is the Co-founder of Hotmail.com



Assessment Sheet

A. Tick (ü) the correct option for the following statements.

- This was the first tool for calculation.
a) Computer b) Calculator c) Abacus
- The first mechanical calculator of the world.
a) Abacus b) Pascaline c) Analytical Engine
- This person created a machine called Analytical Engine and is also called as father of computers.
a) Blaise Pascal b) Bill Gates c) Charles Babbage
- She developed the first ever computer program.
a) Charles Babbage b) Blaise Pascal c) Lady Ada Lovelace
- The machine which used punched cards to input and store data.
a) Pascaline b) IBM PC c) Tabulating Machine
- This invention replaced vacuum tubes and made computers much smaller and faster.
a) IC's b) Transistors c) Punched Cards



7. The first ever computer available for the commercial sale.
 - a) IBM-PC
 - b) ENIAC
 - c) UNIVAC
8. The first computer game in the history of computers was run on this machine.
 - a) PDP-1
 - b) IBM-360
 - c) Apple II
9. The first personal computer in the history of computers.
 - a) Altair
 - b) Lisa
 - c) PDP-1
10. The first PC to use the graphic user interface (GUI).
 - a) IBM-PC
 - b) UNIVAC
 - c) Lisa

B. Fill in the appropriate blanks.

Help Box Sticks, Analytical Engine, ICs, Abacus, ARPANET, Fingers

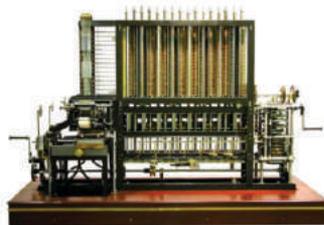
1. **Sticks** and **Fingers** were man's earliest calculating device.
2. **Abacus** is the world's oldest calculating device.
3. The invention of **ICs** made computers smaller, more powerful and more reliable.
4. Concept of modern computers are based on the design of **Analytical Engine**.
5. The **ARPANET** project laid the foundation for the Internet.

C. Identify the following machines/devices and name them.

Help Box Vacuum Tube, Pascaline, Transistors, Analytical Engine, Abacus, Intel 4004 Chip



Abacus



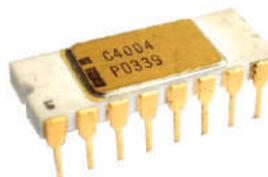
Analytical Engine



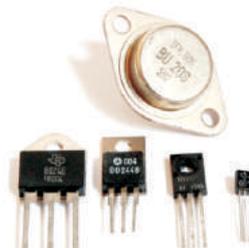
Vacuum Tube



Pascaline



Intel 4004 Chip



Transistors



D. Answer the following questions.

1. Who is known as the 'father of computer'?

Sir Charles Babbage is known as the father of the computer.

2. Name two machines that were developed by Charles Babbage.

Difference Engine and Analytical Engine

3. Name the first calculating device.

Abacus

4. Name the person who is the inventor of QWERTY keyboard.

Christopher Latham Scholes

5. Who invented the computer mouse?

Douglas Engelbart

6. Name the founders of Microsoft Corporation.

Bill Gates and Paul Allen

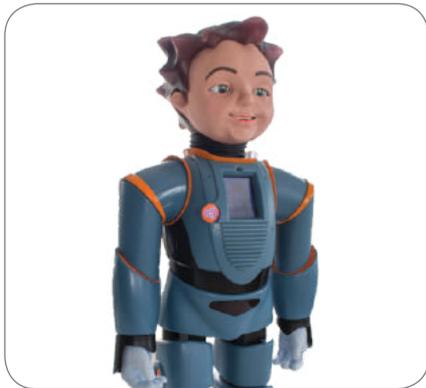
7. Name the founders of Apple Computers Inc.

Stephen G. Wozniak and Steven P. Jobs

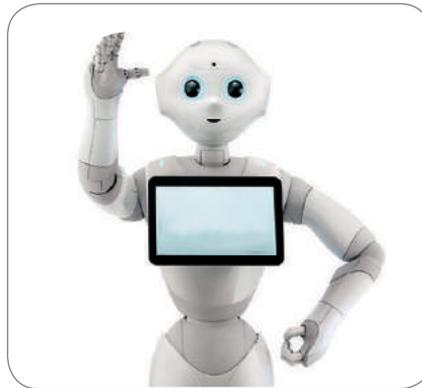


Computer in Everyday Life

1 Help Rohan to recognize and name the following Robots.



Milo



Pepper



Sophia



2

Charu is making a collage sheet on the topic 'History of Computers' for the computer lab notice board. Help her to recognize the following pictures of famous computer personalities and machines to write about them.



a) Abacus, the first calculating device. Invented by the ancient Babylonians and later developed in China.

b) Charles Babbage: The English mathematician, known as the father of the computer. Invented 'Analytical Engine', the first ever working model of mechanical computer.



c) Christopher Latham Scholes, invented the QWERTY layout for typewriters and this layout is still used in modern computer keyboards.

d) Douglas Engelbart: In 1964 he invented the computer mouse



e) Bill Gates founder of Microsoft

f) Stephen G. Wozniak and Steven P. Jobs, founders of Apple Inc.



g) Sabeer Bhatia of India founded the first free web-based email service (with Jack Smith) i.e. Hotmail.

h) Ajay Bhatt known as Co-Inventor of the USB.

