

Class: 5

Subject: Computer Studies

Chapter: Evolution of Computers

---

(Children please listen to the given audio clip carefully, discussed in the audio clip are some key points that would summarize the entire chapter for you, however please do read the chapter thoroughly before attempting the work sheet given below)

The first computer was invented more than 80 years ago. Charles Babage an English mathematician and inventor is considered as the 'Father of computers'. The early computer were huge and slow machines. However over the years, computers have undergone many changes related to size, speed, appearance and technology.

A. Fill in the blanks:

1. An \_\_\_\_ was the first calculating device.
2. Napier bones was a device mainly used for \_\_\_\_ and \_\_\_\_.
3. The \_\_\_\_\_ was considered as a model of general purpose computer.
4. Based on the technologies used, computers are classified into \_\_\_\_ generations.
5. \_\_\_\_\_ is a technology that enables a computer to think like humans.



B. Choose the correct answer:

1. Which of the following devices was invented by the Chinese to count large numbers?
  - a. Abacus
  - b. Napier's bones

- c. Pascaline
- d. Tabulating machine

2. In which form the input was fed into tabulating machines?

- a. data card
- b. hole cards
- c. chips
- d. punched cards

3. Which of the following was the first electronic computer developed in 1946?

- a. UNIVAC
- b. difference engine
- c. ENIAC
- d. analytical engine



4. Fourth Generation computer

- a. UNIVAC
- b. IBM
- c. ICL 1900
- d. HP 9000

C. Name them:

1. Father of computers
2. Regarded as the first computer programmer
3. He developed UNIVAC
4. RCA 501

5. Put forward the idea of developing machine-independent programming languages.

D. Answer these questions briefly:

1. Name the parts of the analytical engine.
2. Name any five early calculating devices.
3. Write any five characteristics of a computer.
4. Give the features of the third generation computers.
5. What do you understand by artificial intelligence? Give two examples.

(Note: Children in addition to the work sheet given please do Exercise C, E and F on pages 12 and 13 in your exercise copy)

\*\*\*\*\*