AIR FORCE SCHOOL BAGDOGRA

SUBJECT: COMPUTER (CLASS V)

SOLUTION OF QUESTION ANSWER CHAPTER 2 (PG -18 & 19)

ACTIVITY

ACTIVITY 1 : Answer the following questions :

a. Into how many generations can you classify computers?

> Computer can be classified into Five Generations.

b. Name the technology used in each generation?

> 1st Generation - Vacuum Tube   2nd Generation - Transistor   3rd Generation - IC
>
> 4th Generation - Microprocessor   5th Generation - A.I

c. What are Microprocessors?

> Microprocessor is an integrated circuit that contains all the functions of a central processing unit of a computer. It is a single integrated circuit chip containing millions of very small components including transistors, resistors that work together.

d. What is Artificial Intelligence?

> Artificial Intelligence (AI) is the branch of computer sciences that focus on the development of intelligent machines, thinking and working like humans.
> For example- speech recognition , Google Assistant etc.

e. What was the limitation of first and second generation?

1st Generation & 2nd Generation Computers are basically big in size , they consume lot of electricity and produces lot of heat , they are very costly too.

ACTIVITY 2 : Fill in the blanks :

a. The technology used in todays computer is ....Microprocessor....

b. A CHIP is same as ...Integrated Circuit....

c. Computers of ...1st and 2nd Generation... generation were as big as a room.

d. ...1st generation Computers... emitted a lot of heat.

e. The technique in which computers are capable of taking decision ...Artificial Intelligence...

ACTIVITY 3 : Computers can be categorized into different generations. Give examples of each generation.

First Generation
a. ENIAC   b. UNIVAC

Second Generation
a. IBM 700   b. ATLAS

Third Generation
a. IBM 360   b. IBM 370

Fourth Generation
a. IBM 4300   b. ICE 2300

Fifth Generation
a. GOOGLE ASSISTANT   b. SPEECH TO TEXT MACHINE