

## Test

Ans 1 - Generation in computer terminology is change in technology a computer was being used.

There are five generations of computer :-

First generation was invented by J.P. Eckert and J.W. Mauchly in (1946-1959)

Ans 2 → Analog Computers :-

Analog computer, a computer that operates with numbers represented by directly measurable quantities

A computer that uses a discrete signal for its operation is called Digital Computers

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Analog system represent data using a continuous signal, digital represent data using discrete values.

Ans 3  $\rightarrow$  five computer generation

~~① abacus: This was built using a wooden rack having metal rods~~

① 1<sup>st</sup> generation computer:-

① period  $\rightarrow$  (1940<sub>s</sub> - 1950<sub>s</sub>)

② Hardware  $\Rightarrow$  Vacuum Tube based

(ii) 2<sup>nd</sup> generation computer

① period  $\rightarrow$  (1950<sub>s</sub> - 1960<sub>s</sub>)

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Hardware - Transistor Based

(iii) III<sup>rd</sup> generation computer

period - (1960s - 1970s)

Hardware - Integrated Circuit  
Based

(iv) IV<sup>th</sup> generation computer

period - (1970s - present)

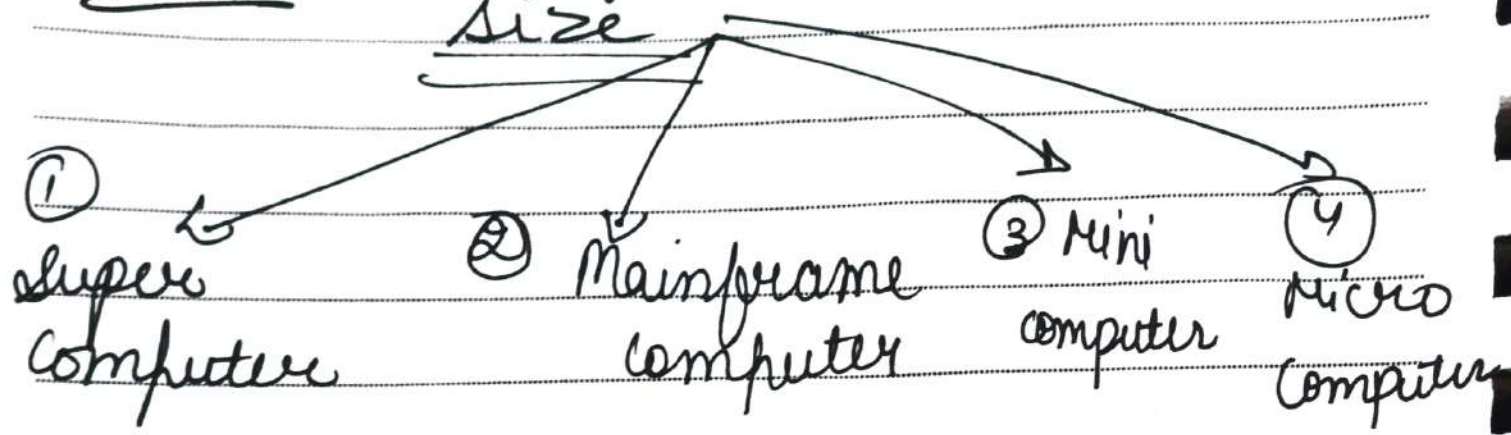
Hardware - Microprocessor Based

(v) V<sup>th</sup> generation computer

period - (present - future)

Hardware - Artificial Intelligence  
Based

Ans 4 → Classification Based on  
size



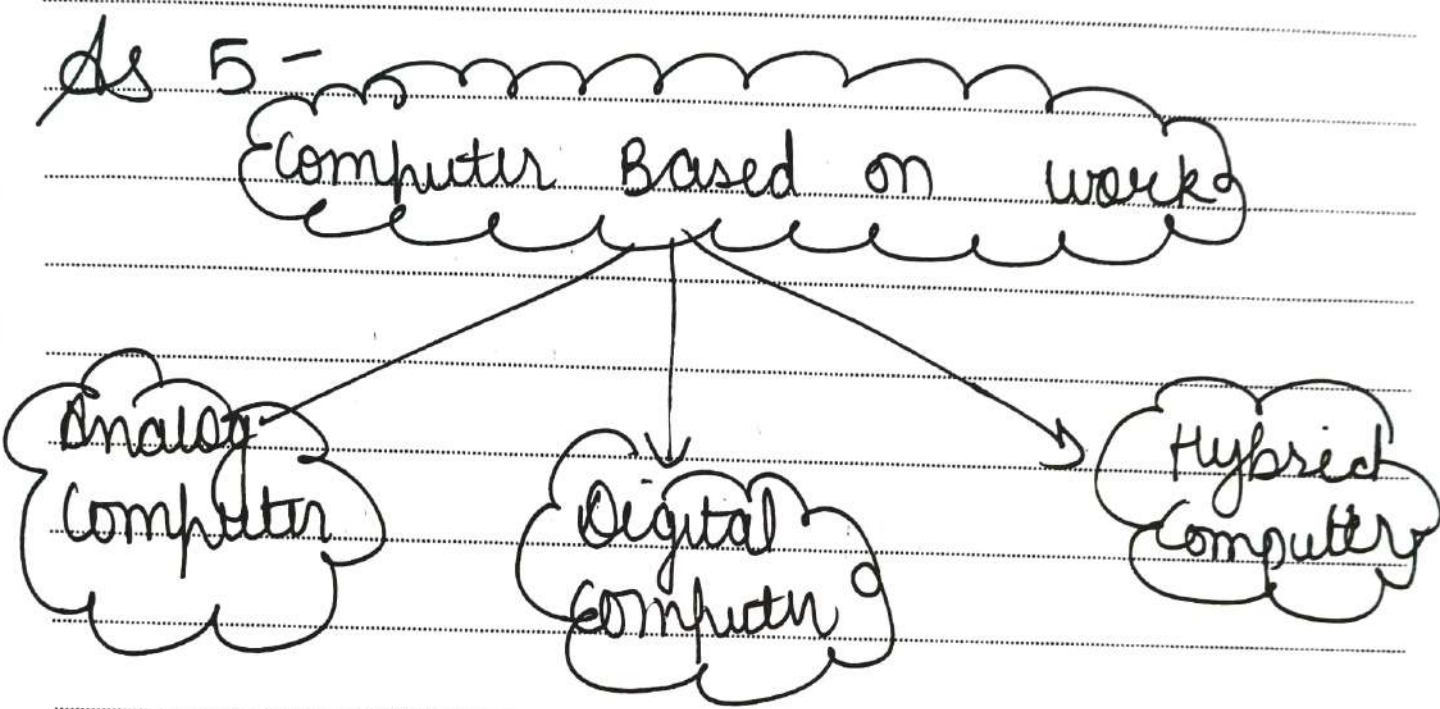
① Super Computer - Super computers are the fastest most powerful and most expensive computer

② Mainframe Computer →

A mainframe computer is usually slower less power and less expensive than supercomputer

③ Mini Computer - These are also general purpose computer smaller than mainframe computer

Micro-computer ⇒ A microcomputer is the smallest least expensive of the computer. The most common type of micro-computer is a desktop computer.



① Analog Computer ⇒ These are job oriented computer. They carry out arithmetic and logical operation by manipulating and processing data.

② Digital Computer -

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These computers work by calculating binary digits  
A digital computer not only perform mathematical problem but also combine the bytes

① Hybrid Computer  $\rightarrow$  These are combination of digital & analog computer which carry out both arithmetic & binary operations

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