



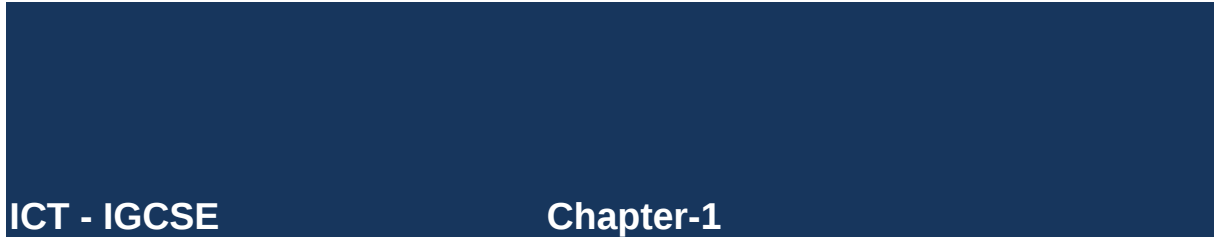
Types and Components of Computer System	
	Student's Name : Worksheet No : 3
Q. 1	What is a computer system? [2 marks]
Ans	
Q.2	Computer is made up with two main parts. List two main parts of the computer system. [2 marks]
Ans	
Q.3	Define the term "Hardware". [2 marks]
Ans	
Q.4	Define the term "Software". [2 marks]
Ans	
Q.5	Explain the differences between hardware and software. [2 marks]
Ans	



Q.6	List four hardware names. [4 marks]
Ans	
Q.7	List four software names. [4 marks]
Ans	
Q.8	Identify the following components are hardware or software. 1. sound card 2. spreadsheet 3. compiler 4. device driver 5. motherboard
Ans	



Q.9	Software is classified into two parts. List the two types of software. [2 marks]
Ans	
Q.10	Define the term “Application software”. [2 marks]
Ans	
Q.11	List four examples of application software. [4 marks]
Q.12	Here we have given the functions of the software. You have to identify the software name. 1. It allows the changes to bitmap and vector images – 2. It allows the user to rearranging, adding and removing sections of video clip and audio clips – 3. It measures the physical quantities in the real world 4. John can manage the data, create the queries, delete the record and insert the record. 5. John wants to draw a graph, design data modeling. – (Critical thinking)
Ans	



ICT - IGCSE Chapter-1

Photo manipulation software:

Image manipulation differs entirely from the process of editing by the fact that it focuses on altering the elements that appear in the frame. It is the process by which the entire appearance of the image is manipulated by the addition of secondary elements and by enhancing the existing elements in the image.

Some examples of image manipulation include the addition of birds into the sky, altering the entire backgrounds.



Photo manipulation image

The bitmap image is made of pixels

In vector image, we are not using any pixels.

Q.15 List four operations performed by word processor. [4 marks]

Ans

Q.16 Give two examples of word processor. [2 marks]

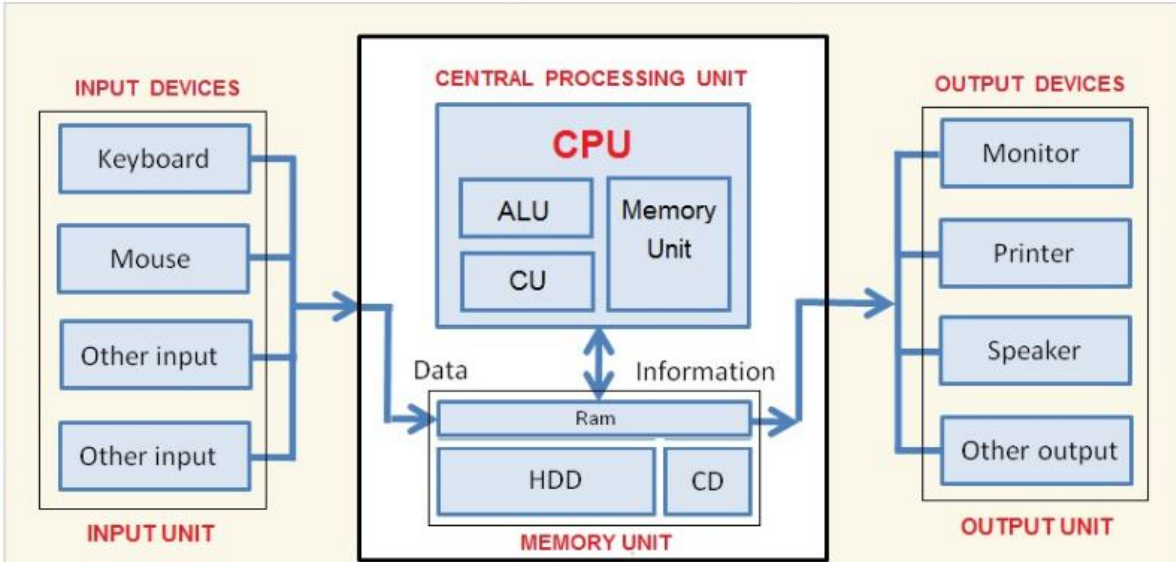
Ans

Q.17 Define the term 'word processor'. [2 marks]

Ans



Q.18	List three tasks performed by spreadsheet. [3 marks]
Ans	
Q.19	List three examples of spreadsheet. [3 marks]
Ans	
Q.20	Write the differences between spreadsheet and word processor. [4 marks]
Ans	
Q.21	Define the term "cell" [2 marks]
Ans	
Q.22	Write the differences between function and formula in excel. [4 marks]
Ans	

Q.23	Write the function performed by spreadsheet. [5 marks]
Ans	
	HOMWORK :
1.	Compare and contrast between laptop and desktop computer (8 marks)
2.	Create a mind map of software and hardware (definition, types and examples)
3.	Describe the features of the smartphone. (6 marks)
	Computer System Block Diagram  <pre> graph LR subgraph INPUT_UNIT [INPUT UNIT] K[Keyboard] M[Mouse] OI1[Other input] OI2[Other input] end subgraph CPU [CENTRAL PROCESSING UNIT] subgraph CPU_BOX [CPU] ALU[ALU] CU[CU] MU[Memory Unit] end subgraph MEMORY_UNIT [MEMORY UNIT] RAM[Ram] HDD[HDD] CD[CD] end CPU_BOX <--> Data RAM CPU_BOX <--> Information RAM end subgraph OUTPUT_UNIT [OUTPUT UNIT] MON[Monitor] PR[Printer] SP[Speaker] OO[Other output] end INPUT_UNIT --> CPU CPU --> OUTPUT_UNIT </pre>