

INFORMATION COMMUNICATION TECHNOLOGY

G.C.E. Ordinary Level 2012

Grade 10

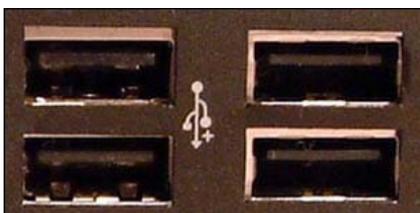
Duration: 90 minutes

Answer All Questions

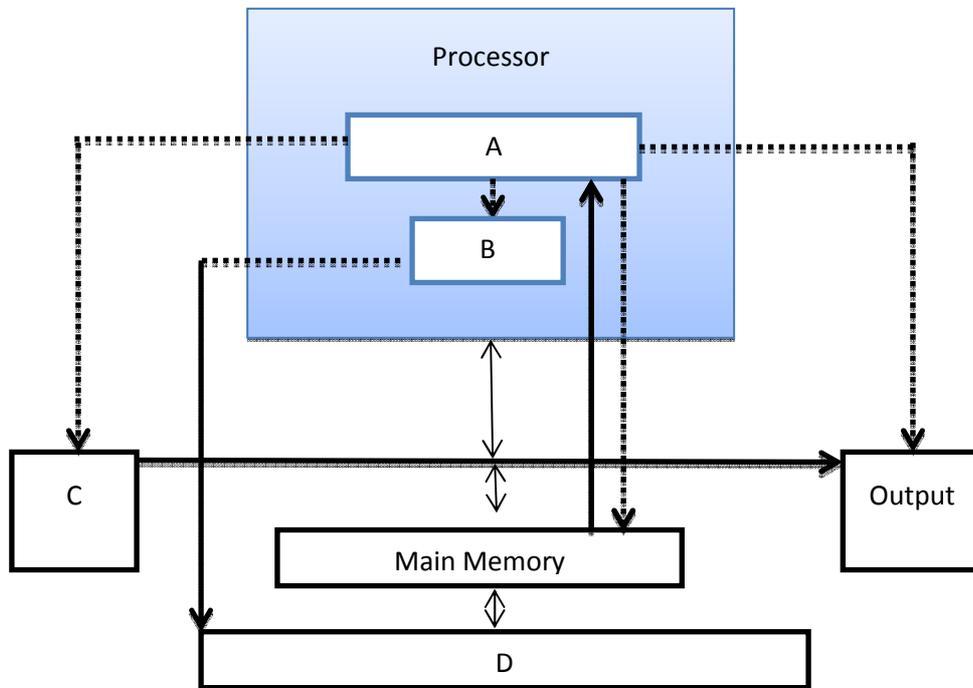
1. Explain the role of ICT in following fields by giving at least 02 examples.
 - Education
 - Medicine
 - Entertainment
 - Transportation
2. Describe what is Information and Data by giving an example and mention the characteristics of them.
3. Fill the following table.

Generation	Technology used	Language used
1 st generation		
2 nd generation		
3 rd generation		
4 th generation		
5 th generation		

4. a) How can we classify computers basically?
b) Name sub classification categories include in above answers you mentioned in part (a).
5. a) What are input devices, output devices and storage devices? Give examples for each of above them.
b) What are the 03 types of storages we used?
c) What are the basic 02 types of printers and states differences between them and give 03 examples for each.
d) Give at least 05 examples for scanners we use today.
6. Identify the following ports and answer the questions given below.
 - a) Draw the following ports and name type of the port, number of pins/holes and write device/devices connect to them.
 - Serial port
 - Parallel port
 - VGA port
 - PS/2 port
 - b) Identify these 02 ports and write the name of it.



7.



- I) Name A, B, C, and D.
- II) Name the functions of A, B, C, D, Main memory, and Output stage.

8. a) Name 02 types of memories use in computer.

b) What is RAM and ROM stands for and name the types of them.

c) What you meant by Volatile memory.

9. Samantha has a DVD of her Wedding Video. She wanted to have a VCD of it and she bought a Compact Disk (CD) from the communication nearby her home.

- Do you thing she can directly copy the DVD to the CD? If it isn't what how does she will be able to do it? Briefly explain.
- If her Wedding video is one and half hour duration if it is possible that writing it into a single CD? Or else how many Compact Disks she should have?

10. Identify the following motherboard interfaces Name them and give example devices that can be connected with it.

