ICT 2010

SECTION A (40 Marks)

Answer **all** questions in this section.

1. (a) Briefly describe the meaning of operating system.

   (b) Outline any three (3) types of operating system.

2. Give the meaning and two functions of the Central Processing Unit (CPU).

3. Explain the meaning of a computer program. Mention two categories of programs found in a computer.

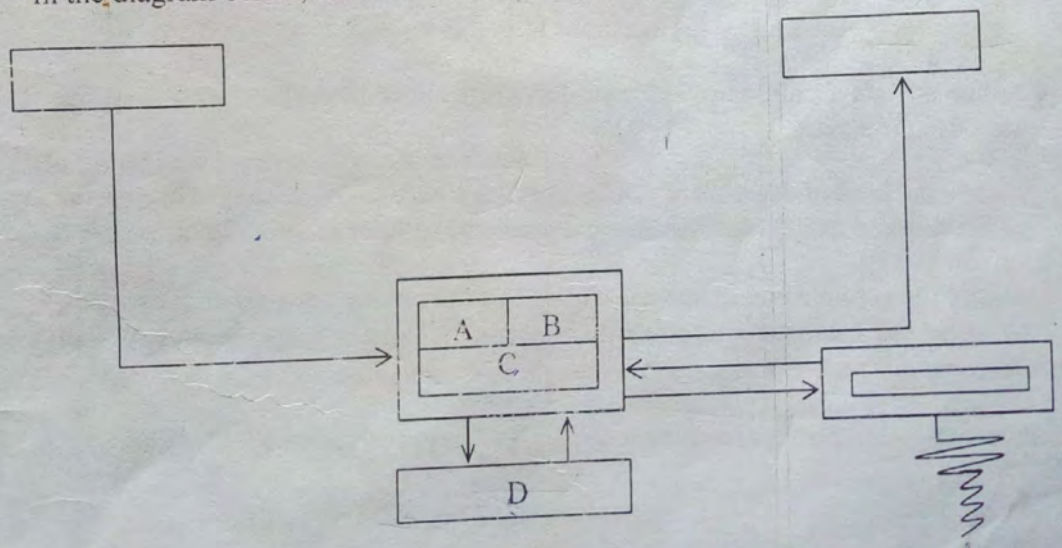
4. Briefly explain the concept of publishing Webpages and outline four importances of publishing webpages.

5. Explain in short any two positive and negative impacts of ICT in the Tanzanian Society.

6. Briefly explain each of the following abbreviation:

   (i) LAN (ii) WAN (iii) WWW (iv) GUI

7. In the diagram below, name the labeled parts, and mention one function for each.



8. Produce stepwise procedure you will follow to save your newly developed document that has been created using any word processing program.

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9. Outline any four criteria of selecting website development software.

10. Multimedia can be broadly categorized into two, explain them briefly.

SECTION B (40 Marks)

Answer **two (2)** questions from this section.

11. State the importance of using computer presentation program in teaching and learning process.

12. Discuss the basic principles that focus to students in teaching and learning ICS subject in the classroom.

13. Describe precisely five most observed laboratory rules. Provide the possible consequences if a person break those rules.

14. Prepare a structured scheme of work, using a topic of "computer networks" with subtopics of "concept of network", "types of networks and network topology" to teach at public secondary schools in August 2009.

SECTION C (20 Marks)

Answer **two (2)** questions from this section.

15. Outline any six factors you will consider when selecting teaching and learning methods in ICS class.

16. You are the head of department of ICS at Wilima Secondary School. Discuss the criteria that you would use in checking the scheme of work at your department.

17. Identify the possible environmental factors that may likely damage or slow down the speed of computer components in the laboratory. Show how you will overcome this problem.

18. Prepare a lesson plan for teaching a concept of "information" in a form I class.

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