



STRATHMORE UNIVERSITY
BACHELOR OF SCIENCE IN ELECTRICAL AND ELECTRONICS ENGINEERING
CSE 1101 INTRODUCTION TO INFORMATION TECHNOLOGY

DATE: 25TH October 2024

Time: 13:00-15:00 Hours

Instructions

1. This examination consists of **FIVE** questions.
2. Answer **Question ONE (COMPULSORY)** and any other **TWO** questions in the answer booklet provided.
3. Do not write on the question paper.

QUESTION ONE (30 MARKS)

1. List and explain **TWO** services of ICT and give relevant examples under each. (4 marks)
2. Write the full form of LAN and WAN and give **TWO** differences between the two. (3 marks)
3. State and explain **ONE** reason of using safety guidelines while assembling and disassembling a computer system. (2 marks)
4. Define an EULA. (1 mark)
5. Define Microsoft Word (2 mark) and give **THREE** uses of Microsoft Word. (1.5. marks)
6. Plagiarism, this is the practice of copying someone's work and pretending that it is your own. It is a big problem in colleges and universities.
 - a) List **ONE** way in which it occurs. (1 mark)
 - b) List and explain **ONE** way of combating plagiarism. (2 marks)
7. A user would like to join two strings in a Microsoft Excel worksheet. Which function would best serve the user? (1 mark)
8. State a primary benefit of using animations in Microsoft PowerPoint? (1 mark)

9. Microsoft Word is an example of a _____ (0.5 marks) and is suitable for writing documents such as _____ (0.5 marks). Using Microsoft Word, a user can correct grammatical errors by making use of the _____ (0.5 marks) feature which is found under the _____ (0.5 marks) tab.
10. The Internet is made up of interconnection of _____ (0.5 marks) The Internet is an example of a WAN. This is because it is made up of multiple _____ (0.5 marks) _____ (0.5 marks) is the backbone of the Internet.
11. List ONE way of securing email. (1 mark)
12. State and explain ONE risk associated with online collaborative tools (2 marks) and explain how it can be solved. (2 marks)
13. Define malware (1 mark). Using ONE example of malware, explain how a computer system can acquire malware. (2 marks)
14. List and explain ONE emerging technology. (2 marks)

QUESTION TWO (15 MARKS)

1. It is essential to have a tool kit for the purpose of assembly and disassembly of a computer system. Describe any THREE categories of hardware tools, using a suitable example under each category. (9 marks)
2. A _____ is an example of a power protection device. (1 mark)
3. A screwdriver is a hand-held tool, commonly used for inserting and removing of _____. (1 mark)
4. Do not wear the anti-static wrist strap when repairing power supplies or _____ monitors. (1 mark)
5. Used printer toner kits and printer cartridges must be disposed of properly or _____. (1 mark)
6. The movement of electrons is known as _____. (1 mark)
7. A _____ is used to hold screws, jumpers, fasteners, and other small parts and prevent them from getting mixed up together. (1 mark)

QUESTION THREE (15 MARKS)

1. Discuss ROM. (12 marks)
2. A register is a _____ (1 mark) List TWO different types of registers. (2 marks)

QUESTION FOUR (15 MARKS)

1. Define the term, **applications software** (1 mark) and give an example. (0.5 marks)
2. List TWO ways in which you can access applications software. (2 marks)
3. Using FIVE different categories, discuss common examples of applications. (10 marks)
4. What is EULA in full (0.5 marks) and what purpose does it serve? (1 mark)

QUESTION FIVE (15 MARKS)

1. The Internet is owned by no one and everyone. Explain. (2 marks)
2. Discuss TWO ethical and TWO social issues associated with use of the Internet. (8 marks)
3. Using an example, discuss the structure of a Web address. (5 marks)