**Name:………………………………………………………..Class:……..AdmNo:…....**

**Computer Studies**

**OPENER EXAMINATION TERM 3, 2022**

**September-2022 Examination – Form 2**

**Time: 2 Hours**

1. a) Give two functions of each of the following CPU components:

i) Control unit (2marks)

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ii) ALU (2marks)

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b) State three ways of inputting data into a computer system. Give an example for each. (6marks)

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c) Give three differences between primary and secondary storage memory. (3 marks) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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d) i) Define a computer bus. (1 mark)

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ii) Explain three types of computer buses found on a motherboard of a computer. (6 marks)

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2. Explain four types of ROM. (4 marks)

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3. Differentiate between the following terms: (6 marks)

i) System software and application software

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ii) Vendor off the shelf and In-house developed software

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iii) Open source and proprietary software

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4. a) Define the term operating system. (2 marks)*.*

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b) An operating system consists of two parts: Kernel and shell. Differentiate the two parts.

(4 marks)

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c) Describe five functions of the operating system. (10 marks)

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5. a) Define word processing as used in computing. (2 marks)

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b) Differentiate between the following terms. (12 marks)

Save and Save as

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Auto-Complete and Auto-Correct

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Cell and range

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Footer and End note

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Formatting and editing a document.

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c) i) Give four examples of word processors. (2 marks)

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ii) State five features of word processors. (5 marks)

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iii) Describe four-character case options available in a word processor. (4 marks)

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6. a) State five safety precautions to be observed when handling a hard disk of a computer.

(5 marks)

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b) During data entry in a computer it can automatically be done using a scanning device. Using examples explain three types of optical scanners. (6 marks)

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7. a) Define the term disk partitioning. (2 marks)

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b) State two reasons for partitioning a disk. (2 marks)

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c) Describe the types of operating systems classified according to Human Computer Interface (HCI) or user interface. (6 marks)

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8. a) Give five factors to consider when purchasing an operating system. (5 marks)

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b) State three software considerations when purchasing a computer system. (3 marks)

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