

NameIndex No/.....

Signature:.....

840/1
COMPUTER STUDIES
Paper 1
April/May 2016
2 ½ Hours

MWALIMU EXAMINATIONS BUREAU

END OF TERM I UCE EXAMINATIONS – 2016

COMPUTER STUDIES

Paper 1

2 Hours 30 Minutes

INSTRUCTIONS TO CANDIDATES

- Write your name, index number and signature legibly in the spaces provided.
- This paper consists of **three** sections: **A**, **B** and **C**.
- Write your best alternative: **A**, **B**, **C** or **D**, in the boxes opposite questions **1** to **20**.
- *Answers* to *Section B* should be written in the spaces provided.

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MCQ	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	TOTAL

SECTION A (20 MARKS)

1. Which of the following is the primary input device?
 - A. Monitor.
 - B. CPU.
 - C. Keyboard.
 - D. Mouse

☐
2. **ASCII** stands for...
 - A. American Standard Code for International Interchange.
 - B. American Standard Code for Information Interchange.
 - C. American Standard Code for International Information.
 - D. American Standard Code for International Interest.

☐
3. If the computer monitor does not come on when pressing the power button, it is quite possible that...
 - A. The keyboard is not connected.
 - B. There are some loose or disconnected plugs.
 - C. The computer is not connected to a UPS.
 - D. A virus has deleted some of the files.

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4. Doreen pressed the print icon to print her assignment but there was no response from the printer. What could be the problem?
 - A. The printer had run out of paper.
 - B. There was a paper stuck in the printer.
 - C. The printer was not connected.
 - D. There was no printing option in the program.

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5. Which of the following is a folder?
 - A. Exam.doc
 - B. Exam.xls
 - C. Exam.jpg
 - D. Exam

☐

6. As Juliet was typing a report using MS Word, the power suddenly went off and luckily enough she had a UPS installed. What will be her most appropriate action to do now?

- A. Turn the lights on.
- B. Save the document.
- C. Turn the power switch off.
- D. Wait for the power to be back on.

☐

7. How many bits are in **5 (five)** bytes?

- A. 40.
- B. 32.
- C. 16.
- D. 8.

☐

8. To copy a block of selected text to a new position, one must use...

- A. Copy.
- B. Paste special.
- C. Copy and Paste.
- D. Cut and Paste.

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9. An example of a cell reference in a spreadsheet is?

- A. #1.
- B. 2B.
- C. \$1.
- D. AB2.

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10. Which of the following is **true** of an Excel spreadsheet?

- A. One can do calculations in a spreadsheet.
- B. One can create a letter in a spreadsheet.
- C. A student can type an essay using a spreadsheet.
- D. A student can download information using a spreadsheet.

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11. The tracks on a diskette are made of...

- A. Cylinders.
- B. FATs.
- C. Grooves.
- D. Sectors.

☐

12. The fastest type of data access is...

- A. RAM.
- B. ROM.
- C. Disk.
- D. CD.

☐

13. The decimal form of 100011 binary is...

- A. 6.
- B. 35.
- C. 49.
- D. 100011.

☐

14. Which of the following statements is **true** about a database?

- A. A single collection of facts.
- B. A single table of fields and records.
- C. A database has only one table.
- D. A database contains related tables.

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15. Which of the following is **not** a feature of a system software specification?

- A. Cost.
- B. RAM.
- C. Processor speed.
- D. Hard disk capacity.

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16. If you want to “window shop” on the Internet, you would visit a....?

- A. Facebook
- B. Cyber café
- C. Chat group
- D. Supermarket

☐

17. Which of the following is a database file?

- A. Jesus.mdb
- B. Jesus.doc
- C. Jesus.jpeg
- D. Jesus.ppt

☐

18. Which of the following is **true** about an absolute reference in a spreadsheet?

- A. It can only be used on individual cells but not on ranges.
- B. The spreadsheet does recalculation every time it is used.
- C. The reference cell changes when you copy within a worksheet.
- D. The reference cell stays the same no matter where you copy it within a worksheet.

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19. What happens when the “**Print Screen**” key on the keyboard is pressed?

- A. Whatever is on the screen will be printed.
- B. The document seen on the screen will be printed.
- C. Everything seen on the screen will be copied to the clipboard to be pasted later.
- D. What You See on the screen Is What You Get when printed.

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20. One advantage of a LAN is to...

- A. Enable the sharing of power source.
- B. Help in forming a link between users.
- C. Enable sharing of resources such as printers.
- D. Increase processor speed of standalone computers.

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SECTION B (60 MARKS)

Answer **all** questions in this section. All the working **must** be done in the spaces provided.

21. a) What is a **device driver**? (2 marks)

.....
.....

b) Give **two** devices that may require the installation of a device driver (2 marks)

1 2

c) Name **two** kinds of information normally requested to log on to a multiuser operating system (2 marks)

1
2

d) Name **four** functions that are normally carried out by an operating system (4 marks)

1
2
3
4

22. a) (i) What is a **primary keyword**? (2 marks)

.....
.....

ii) Give **two** examples of database management programs (2 marks)

1 2

b)(i) Name **two** database objects (2 marks)

1 2

(ii) Mention **four** merits of using electronic databases (4 marks)

1
2
3
4

23. a) (i) What is a **browser**? (2 marks)

.....
.....

(ii) Give **two** examples of browsers (2 marks)

1
2

b) Mention **three** advantages of using email as a means of communication (3 marks)

1
2
3

c) Outline **three** limitations of using email as means of communication (3 marks)

1
2
3

24. a)(i) Differentiate between a **cold boot** and a **warm boot** (2 marks)

.....
.....
.....
.....

(ii) Name **two** kinds of information stored in the CMOS of a personal computer (2 marks)

1
2

b) Give **two** examples of secondary storage devices (2 marks)

1 2

c) Give **four** examples of secondary storage media (4marks)

1 2
3 4

25. a) Name any **four** output devices. (4 marks)

- 1
- 2
- 3
- 4

b) Suggest **one** suitable input device for each of the following tasks: (6 marks)

1. To enter instructions in a CLI.....
2. To move the pointer in a GUI.....
3. To input text/graphics from hard copies into electronic format.....
4. To read the barcodes of products in a supermarket.....
5. To record human voice into the computer.....
6. To control a video game.....

26. a) What is a **computer network**? (2 marks)

.....
.....

b) Mention **three** network types you know (3 marks)

- 1
- 2
- 3

c) List any **two** network transmission media (2 marks)

- 1 2

d) Write the following in full: (3 marks)

- 1 **IRC**.....
- 2 **FTP**.....
- 3 **NIC**.....

SECTION C (20 MARKS)

*Attempt only **ONE** question in this section. Answers to the question **must** be written in the answer sheets provided.*

27. a) Define computer virus. (02 marks)
- b) State **five** ways in which computer viruses spread. (05 marks)
- c) Give **five** reasons for restarting a computer (05 marks)
- d) Identify **four** technical problems which can hinder computer use and suggest a solution to each. (08 marks)
28. a) Explain **four** computer professions in Uganda. (08 marks)
- b) Describe the steps taken when developing a new computer software program (12 marks)
29. a) Explain **four** uses of the Internet. (08 marks)
- b) With illustrations, describe briefly **four** examples of network topologies (12 marks)

END