

840/1
Computer Studies
Paper 1
July / August 2019
2 ½ hours

BUGANDA EXAMINATION COUNCIL MOCKS 2019

Uganda Certificate of Education

COMPUTER STUDIES

PAPER 1

2HOURS 30 MINUTES

INSTRUCTIONS TO CANDIDATES

- This paper consists of three sections *A*, *B* and *C*
- Section *A* contains **20** compulsory objective-typed questions. The correct alternative *A*, *B*, *C* and *D* for each question must be written in the box provided on the right hand-side of each question.
- Section *B* consists of **six** compulsory structured questions. Answers to this section must be written in the space provided.
- Section *C* contains **three** essay questions.

Attempt only **one**. Answers to this section must be written in the answer booklets/ sheets provided.

MCQ	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	TOTAL

SECTION A

1. The standard markup language used in creating most web pages is
- A. UTTP
 - B. TCP
 - C. URL
 - D. HTML
2. The following are web browsers except
- A. Internet explorer
 - B. Mosaic
 - C. Net scape navigators
 - D. google
3. Which of the following may copy itself into memory of disk drive until no more space is left
- A. Virus
 - B. Data
 - C. E.mail
 - D. Anti-virus
4. A document with copyrighted material is marked with
- A. ©
 - B. ®
 - C. €
 - D. @
5. The editing tool that enables the user to find words and phrases with similar meaning is
- A. Auto complete
 - B. Thesaurus
 - C. Auto correct
 - D. Find and replace.
6. The system clock
- A. Is a storage device
 - B. Shows the time and date
 - C. Determine data processing speeds
 - D. Turns off the computer after a long time.

7. is an example of system software that uses graphical user interface
- A. DOS
 - B. Windows
 - C. Novell
 - D. Macintosh
8. The slide sorter command is associated withprograms.
- A. Word processing
 - B. Spread sheet
 - C. Presentation
 - D. Database
9. Theis an electrical path for data to flow from one point to another
- A. System clock
 - B. Bus
 - C. A.L.U
 - D. Buffer
10. Which of these factors doesn't affect the internet speed?
- A. Worldwide user
 - B. Band width
 - C. Traffic
 - D. Type of transmission
11. The best practice to avoid eye strain when using cathode ray tube monitor is to
- A. Reduce the light on the screen
 - B. Sit upright while facing the monitor
 - C. Use antiglare screen
 - D. Use a large monitor
12. The process of transferring files from a client computer to a server on the internet is referred to as
- A. Saving
 - B. Downloading
 - C. Uploading
 - D. Storing
13. What is Herman Hollerith remembered for in the field of computing?
- A. Slide rule
 - B. Tabulating
 - C. Analytical engine
 - D. Abacus

14. The first screen that is seen after switching on a computer with many user accounts is
- A. Desktop
 - B. User account
 - C. Screen saver
 - D. Monitor screen
15. The term used to refer to the ability of computers to perform the same task for long without getting tired is
- A. Versatile
 - B. Accurate
 - C. Diligent
 - D. Spontaneous.
16. Which one of the following makes up the last phase of system development?
- A. Feasibility study
 - B. Coding
 - C. Maintenance
 - D. Testing
17. The command that displays files and directions on the command line is
- A. C:\> cd
 - B. C: \>dir.
 - C. C:\> c/s
 - D. C: \>md
18. In spreadsheet software, the file you create and save is called a
- A. Document
 - B. Worksheet
 - C. Workbook
 - D. Spreadsheet
19. A trial version is an example of
- A. Shareware
 - B. Freeware
 - C. Commercial software
 - D. System software
20. An ATM is a
- A. General – purpose computer
 - B. Mechanical machine
 - C. Special – purpose computer
 - D. Cash – storing machine.

SECTION B (60 MARKS)

21a) Define the following terms in relation to computer programming. (2 marks)

(i) Code.....

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(ii) Alpha Test

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(b) Outline two advantages of using high level programming language over low level programming language. (2 marks)

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(c) State any two examples of utility programs. (2 marks)

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(d) State two qualities of a good program. (2 marks)

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(e) List two examples of High level language. (2 marks)

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22(a) List two reasons why schools need to use computers. (2 marks)

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(b) Define the term information. (2 marks)

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(c) Give two characteristics which define a computing device. (2marks)

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(d) Mention any four stages involved in information processing cycle. (4 marks)

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23(a) Distinguish between a web page and website. (2 marks)

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(b) Explain the function of the following. (3 marks)

(i) Web browser

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(ii) Search engine

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(iii) Domain Name.

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- (c) Explain any two disadvantages of electronic mail. (2 marks)

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- (d) State any three factors affecting internet speed. (3 marks)

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- 24a) What is a flat file database? (1 mark)

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- (b) State two examples of data base software. (2 marks)

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- (c) Give two advantages of database software. (2 marks)

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- (d) Explain any three advantages of word processing program. (3 marks)

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(e) Give two examples of presentation software. (2 marks)
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25a) Define the term computer hardware. (1 mark)
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(b) Distinguish between storage devices and processing devices. (2 marks)
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(c) List three devices housed within the system unit. (3 marks)
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(d) What is a keyboard? (1 mark)
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(e) State any three groupings of the keyboard. (3 marks)
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26 a) Define the term software suite. (2 marks)
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(b) Mention any two examples of software suite. (2 marks)
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- (c) List two advantages of using off the shelf software programs. (2 marks)

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- (d) Using spread sheet functions given below fill in the most appropriate function in the spaces provided.

Max, sum, median, mode, max, count if. (4 marks)

- (i) To determine the total of items in a given range.....
- (ii) Determining the highest value in a given range.....
- (iii) Counting values which fulfill a given condition.....
- (iv) Determining the value which appears more times in a given range

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SECTION C

- 27a) Define the following terms as used in internet. (10 marks)

- (i) Video Conferencing
- (ii) File Transfer Protocol
- (iii) E- Commerce
- (iv) Telnet
- (v) E-mail

- b) Explain five reasons why the internet should be restricted to the young generation. (10 marks)

- 28a) As a student of computer studies you have been tasked to give the factors you would consider before installing a new software program. (10marks)

- (b) Give any five possible computer malfunctions which can be solved by a computer reboot.

- 29a) Explain the functions of any five computer professionals. (10marks)

- (b) Computer skills and knowledge is required in almost all sectors of the country. As a student of computer studies explain the demerits associated by use of information and communication technology. (10marks)

END.