

Name.....

Index No.....

School.....

Signature

840/1
COMPUTER STUDIES
PAPER 1
August 2018
2¹/₂ hours



WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

COMPUTER STUDIES

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

- *This paper consists of **three** sections **A**, **B** and **C**.*
- ***Section A** contains **20 compulsory** objective-type questions.*
*The correct alternative **A**, **B**, **C** or **D** for each question must be written in the box provided on the right hand side of each question.*
- ***Section B** consist of **six compulsory** structured questions. Answers to this section must be written in the spaces provided.*
- ***Section C** contains **three** essay questions. Attempt only **one**. Answers to this section must be written in the answer booklets/sheets provided.*

For examiners' use only.

MCQ	Q.21	Q.22	Q.23	Q.24	Q.25	Q.26	Q.27	Q.28	Q.29	Total

SECTION A (20 MARKS)

1. Which of the following belongs to the 3rd Generation computers.
A. Development of CLI.
B. Development of GUI.
C. Development of microprocessors.
D. Development of VLSI. ☐
2. does not belong to mechanical era machines?
A. Slide rule
B. Hall mark
C. Weaving loom
D. Arithmetic machine ☐
3. The advantages of flat panel display is that;
A. they are thin and portable.
B. they consume less power.
C. they are less expensive.
D. only A and B are true. ☐
4. Which of the following input devices uses a stylus?
A. Keyboard.
B. Digitizing tablets.
C. Touch.
D. Joy stick. ☐
5. All files ending with the following extensions are executable except?
A. .bat
B. .com
C. .exe
D. .docx ☐
6. Which service utility will check and repair the folder cd file structure of your hard drive?
A. Format.
B. Backup.
C. Defragmenter.
D. Scan disk. ☐
7. The text, graphics that appears in the bottom margin of a page in a word document is called a/an.....
A. endnote.
B. gutter.
C. margin text.
D. footer. ☐
8. Which of the following key board shortcuts can be used to save a document into a given directory?
A. Ctrl + Z.
B. Ctrl + F12.
C. F12.
D. Alt + S. ☐

9. Computer system configuration settings are stored in
A. CMOS.
B. BIOS.
C. RAM.
D. CD – ROM. ☐
10. is another name for warm booting.
A. Cold booting
B. Hard booting
C. Soft boot
D. Rebooting ☐
11. Demodulation means
A. conversion from digital to analog signal.
B. conversion from data to information.
C. conversion from analog to digital signal.
D. conversion from information to data. ☐
12. Which protocol provides email facility among different hosts?
A. FTP.
B. SMTP.
C. TELNET.
D. SNMP. ☐
13. Second generation computers were characterized by
A. vaccum tubes.
B. transistors.
C. LSI.
D. VLSI. ☐
14. Which of the following is an odd man out?
A. Supersript.
B. Hyper link.
C. Hyper text.
D. Hyper web. ☐
15. The following are field properties of a table in Microsoft Access except,
A. field size.
B. caption.
C. text.
D. input mask. ☐
16. Which of the following is the most appropriate data type for a car number plate (UAP 187Y) in a database program?
A. OLE object.
B. Text.
C. Hyper link.
D. Number. ☐

17. The original ASCII code system uses.....bits of each byte, reserving the last bit for error checking.
- A. 5
B. 6
C. 7
D. 8
18. A computer illiterate person can be identified as a person
- A. who knows computer theory only.
B. without computer basic skills.
C. who can not use a computer.
D. with computer basic skills.
19. is the quickest service used to send an application form submitted online.
- A. Internet
B. Email
C. Air transport
D. Website
20. Which of the following is an example of a cell address in a spreadsheet program?
- A. 6D.
B. D6D.
C. BD53.
D. 53BD.

☐
☐
☐
☐

SECTION B (60 Marks)

21. (a) Write the following computer acronyms in full. (03 marks)
- i) PCI.....
- ii) AGP.....
- iii) GAD.....
- (b) Differentiate between character printing and line printing. (02 marks)
-
-
-
-
- (c) Give **two** disadvantages of impact printers. (02marks)
-
-
- (d) Give **three** examples of devices that can be used to input sound. (03marks)
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22. (a) Define the term **computer program**. (01mark)

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(b) Suggest **two** characteristics of a good programming language. (02marks)

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(c) Write down **three** language processors. (03marks)

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(d) Give **one** example of;

i) High level programming language. (01mark)

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ii) Low level of programming language. (01mark)

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(e) Give **two** advantages of High level programming language over low level programming languages. (02marks)

High level programming language	Low level programming language

23. (a) Define **web hosting** (01 mark)

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(b) Give **three** limitations of websites. (03marks)

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Turn Over

(c) Mention **two** web authorizing softwares. (02marks)

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(d) (i) Give **three** factors considered when designing a website. (03marks)

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(ii) State the file extension of a web publication file. (01mark)

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24. Study the figure below and answer the questions that follow.

	A	B	C	D	E	F	G	H
1								
2		No	Name	BIO	MTC	ENG	TOTAL	POSITION
3		1	Ali	16	20	16		
4		2	Betty	42	16	20		
5		3	Peter	61	20	90		
6		4	Choti	62	15	92		
7		5	Guddi	70	70	62		
8		6	Bob	82	90	60		

Write an appropriate formular that can be used to obtain;

(a) Total score for;

(i) Betty (01 mark)

.....

(ii) Choti (01 mark)

.....

(b) Position for;

(i) Guddi (01 mark)

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(ii) Peter (01 mark)

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(c) (i) Assuming Nabutereka was placed between Choti and Guddi, write a formular that can be used to get her total. (02 marks)

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(ii) Besides Microsoft Excel, identify any other **two** examples of spread sheet application software (02 marks)

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(iii) Give **two** operators that are applied in spreadsheet application. (02 marks)

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25. (a) Define the term a multimedia. (01mark)

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(b) Show how internet can be used in the following areas.

(i) Education. (02 marks)

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(ii) Home. (02 marks)

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(iii) Business. (02 marks)

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Turn Over

- (c) Outline **three** factors that affect internet speed and connectivity. (03 marks)

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26. (a) Define the term Bus cable. (01 mark)

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- (b) Identify **two** types of buses in computer architecture. (02 marks)

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- (c) Differentiate between a port and a slot. (02 marks)

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- (d) Give **three** internal components of a system unit. (03 marks)

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- (e) Give **two** advantages of a hard disk over a compact disk. (02 marks)

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SECTION C (20 Marks)

27. (a) Differentiate between coding and debugging in relation to computer programming. (04 marks)
(b) Explain the various characteristics of a good software. (12 marks)
(c) Identify four major steps taken when designing a program. (04 marks)

28. Explain with relevant examples the implications of using computers in a society. (20 marks)

29. Explain **four** basic database objects of database management system. (20 marks)

END