

# END OF YEAR EXAMINATIONS 2018

## S.3 COMPUTER STUDIES

### Paper 1

**TIME: 2 hours 30 minutes**

### INSTRUCTIONS

This paper consists of three sections A,B and C

Section A contains 20 compulsory objective type questions selecting alternative A,B,C,or D.

Section B contains four compulsory structured questions and answers must be written in spaces provided on question paper

Section C contains three essay questions. Answers to this section must be on answer sheets provided

For Examiner's use only

| MCQ | Q21 | Q22 | Q23 | Q24 | Q25 | Q26 | Q27 |
|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |

### **SECTION A: (20 marks)**

1. The ability of a computer to perform a variety of tasks is termed as  
A.reliability B. versatility C. efficiency D. accuracy
2. Which of the following best describes the term “computerization”?  
A. Having computers in an organization  
B. Using computers to access the internet  
C. Downloading education content  
D. Having computers on a network,processing and accessing most required data over such anetwork
3. Arrange the following storage devices in order of decreasing capacity,in view of current technological trends  
A. CD-ROM,Hard disk,diskettes

- B. CD-ROM,diskettes,tapes
- C. Hard disk,flash memory,CD-ROM
- D. Diskettes,CD-ROM, Hard disk

4. Information Technology is technology that merges

- A. Computers with music
- B. Computers with digital age
- C. Computers with communication links
- D. Computers with mass media

5. The term given to large forms of networks that exist where many networks are interconnected but not directly to the outside are called

- A. Wide area network    B. intranet    C. extranet    D. metropolitan area network

6. The capacity of a communication channel is called

- A. Gateway    B. Bandwidth    C. A bridge    D. Frequency

7. Under which menu does one find the tool for setting a password to protect a spreadsheet?

- 8. A. tools    B. data    C. format    D. window

9. An organization that primarily deals with makng,editing and formatting documents seeks advice from you acquiring of appropriate software, which of the following would be most appropriate?

- A. Acquire a window with XP
- B. Install a browser
- C. Acquire a word processor
- D. Install internet

10.....in a table contains information about an entity

- A.Database                      B. field
- C. record                        D. primary key

11.If you were designing a table, the best data type for a photograph would be

- A. Auto image    B. text    C. picture    D. OLE Object

12.Which one of the following is not a feature of word    processing software?

A.What if analysis      B. Thesaurus    C. spell checker      D.  
Justification

13.The best utility to use in optimizing the amount of space that is used on a disk drive is

A.Antivirus software    B. defragmentation software    C. backup software  
D. memory management utility

14.The data cable of a computer is specified as 32-bit,this means that

A.It can transfer 32 bytes at a time  
B.It can transfer 4 bits at a time  
C.It can transfer 8 characters at a time  
D.It can transfer 4 characters at a time

15. All are tools used in software development except

A. compiler    B. interpreter    C. virus scanners    D. editors

16. HTML in full is

A. Hyper text Mark up Language  
B. Hyper text make up Language  
C. Hyper text make Link  
D. Hyper text Metal Language

17. ....is a web page that allows users to make adjustments in the content previously uploaded

A. BLOG      B. wiki      C. aggregator      D. News group

18. An active cell of a spreadsheet can easily be identified by

A. Name box    B. formulae bar    C. worksheet tab    D. worksheet tabs

19. which view mode is a convenient way in which all slides in a particular presentation?

A. slide sorter view   B. normal view   C. outline pane   D. Slide pane

20. what type of computer based system relies on knowledge –base to provide users with expert advice?

A. An expert systems   B. A master usage   C. An intelligent system   D. A super computer

**SECTION B: (60 marks)**

21. a) what is the meaning of the following terms: 5mks

- i.    Cell.....  
.....
- ii.   Range.....  
.....
- iii.   Label.....  
.....
- iv.    Value.....  
.....
- v.     Function.....  
.....

b) state two advantages of word processors over manual typewriters (2mks)

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ii) list any four formatting features of word processors (4mks)

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

c) Use this given spreadsheet formular: “=MAX(A\$4:A7)” to answer questions i-iv

i. Name the function used in the formular (1mk)

.....

ii. Give the cells in the range (01 mk)

.....

iii. What is likely to be the outcome from the formula? (01mk)

.....

iv. Identify that part of the formular that represents a mixed cell reference (1mk)

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22. a) Define the following terms(4mks)

i) Encryption.....

.....

ii) Authentication.....

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b) Give four advantages of using computer based training(CBT) (4mks)

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C) what is a code of conduct? (2mks)

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ii) State any five samples of code of conduct of information technology

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23. a) what is meant by the following terms in relation to web publishing (8mks)

i) website.....

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ii) homepage.....

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iii) web server.....

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iv) web master.....

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b) state five major steps in web publishing

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c) Give two examples of web publishing and authorization software

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24. a) Define the term E-mail (2mks)

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ii) Give four advantages of e-mail over an ordinary mail (4mks)

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b) write short notes on the following in relation to electronic mail (6mks)

i) CC

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ii) BCC

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iii) Attachment

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c) Give any three factors that contribute to slow internet downloads (3mks)

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**SECTION C:(20 marks)**

Choose only one question in this section

25. a) what is computer crime? 2mks

b) Explain any four examples of computer crimes. 8mks

c) Mention the role of the following computer professions (10mks)

i) Network administrator

ii) web master

iii) system analyst

iv) Computer technician

v) computer programmer

26. Internet allows you to have access to abundant information about just anything in the world. Explain briefly ten points of how the internet can benefit Uganda (20mks)

27. a) Explain how people have misused computers today. (10mks)  
b) Write down different ways you as a student can use a computer to earn a living after school. (10mks)

-----**END**-----

**DELIGHTED X-MASS AND PROSPEROUS NEW YEAR.**