

Names:.....Index:.....

School Exam Number:.....Signature:.....

**840/1**  
**COMPUTER**  
**STUDIES**  
**Paper1**  
**2023**  
**2½ hours**

*Candidates should NOT write their Centre Name  
or Centre Number anywhere on this booklet*

## SET ONE

### S.4 COMPUTER STUDIES

COMPUTER EDUCATION

THEORY PAPER

**2 hours 30 minutes**

#### INSTRUCTIONS TO CANDIDATES:

*Write your name in the spaces above.*

*This paper is made up of **three** Sections: **A, B** and **C** respectively.*

*Section **A** contains **40 compulsory** objective-type questions. Write your best alternative : **A, B, C** or **D**, in the box provided.*

*Section **B** contains **four compulsory** structured questions. Answers must be written in the spaces provided.*

*Section **C** is made up of **three** questions. Attempt only **one** question to be written in the answer pages provided.*

|     | FOR EXAMINER'S USE ONLY |     |     |     |     |     |     |     |     |       |
|-----|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| MCQ | Q21                     | Q22 | Q23 | Q24 | Q25 | Q26 | Q27 | Q28 | Q29 | TOTAL |
|     |                         |     |     |     |     |     |     |     |     |       |

**SECTION A: (20MARKS)**

1. .... is an address that does not change when a form copied to another location in spread sheet.  
A. Absolute address  
B. Relative address  
C. Mixed address  
D. Formula address ☐
2. Identify one these that represents an application of presentation soft ware:  
A. Displays e-mail messages  
B. Desktop publishing  
C. Printing and addressing a set of letters.  
D. A visual aid to enhance communication ☐
3. A facility in presentation that determines how a slide is removed from the screen and another is presented is known as  
A. animation  
B. rotation  
C. transition  
D. slide show ☐
4. Which classification is standalone and networked computer belong.  
A. Process.  
B. Size.  
C. Function.  
D. Processor power. ☐
5. Which of the following factors does not affect internet speed?  
A. Traffic.  
B. Bandwidth  
C. Type of transmission media  
D. World wide web ☐
6. Which one of the following is not a word processor?  
A. Microsoft word  
B. Word wrap  
C. Word perfect  
D. Lotus word pro ☐
7. In a computer system, the system clock is very important because it .....  
A. is a storage device.  
B. shows the time and date.  
C. determines data process speeds.  
D. turns off the computer after a long time. ☐

8. ....is the best for creating, sorting and retrieving large volumes of related information.

- A. Microsoft word
- B. Database
- C. An e-mail
- D. A word file

☐

9. The basic use of a primary key in a database is to.

- A. Uniquely identifies a record
- B. Act as an alternative identifier
- C. Sort records
- D. Modify a file structure.

☐

10. Select one tool that controls the size, margins and orientation when working on a word document.

- A. Page setup.
- B. Print preview.
- C. Format.
- D. Insert.

☐

11. Which of the following is an extension for an image file name?

- A. .doc
- B. .exe
- C. .jpeg
- D. .xls

☐

12. A hardware on a network or communication system which receives, boosts and retransmits a signal to the next part of a system is a .....

- A. router.
- B. hub.
- C. gateway.
- D. repeater.

☐

13. Which of the following is **not** a computer system specification?

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

☐

14. Which of the following is an application soft ware?

- A. Computer games
- B. Windows
- C. COBOL
- D. Unix.

☐

15. Which of the following can be used when designing a web page?

- A. e-mail
- B. Hyper links
- C. Net work
- D. Slides.

☐

16. A..... is a language processor that translates the entire high level language into a machine language.

- A. Compiler
- B. Source Code
- C. Objective Code
- D. Bar Code.

☐

17. Files can be made smaller by compression, to make it easy for them to be transferred between computers. Which of the following utilities can be used?

- A. jpeg
- B. gif
- C. pdf
- D. WinZip

☐

18. Which of the following can be an e-mail address for Ms. Matovu?

- A. Matovu.yahoo.com
- B. Matovu@yahoocom
- C. Matovu@yahoo.com
- D. Matovu.@yahoo.com

☐

19. The process of transferring information from a remote computer to a local storage is called.....

- A. Saving
- B. Retrieving
- C. Down loading
- D. Uploading.

☐

20. Formatting in word processing refers to;

- A. Preparing new floppy diskette for use.
- B. Cleaning diskette for storage.
- C. Enhancing the appearance of text in a document
- D. Erasing all data on a diskette

☐

**SECTION B (60 MARKS)**

*This Section consists of **six** questions.*

*Answer **ALL** questions and fill your answers in the spaces provided.*

- 21.** (a) (i) Distinguish between Analog computer from digital computers ?  
(02marks)

.....

.....

.....

- (ii) State **two** main differences between digital and analog computers.  
(02marks)

| Digital computers | Analog computer |
|-------------------|-----------------|
|                   |                 |
|                   |                 |

- (iii) Identify **two** factors looked at when buying computer set?  
(02marks)

.....

.....

- (b) i. State two methods you can use to enhance the speed of a computer.  
(02marks)

.....

.....

- (ii) State any one Computer healthy related problem and solution for  
problem. (02marks)

Problem

.....

.....

.....

Solution

.....

.....

.....

22. (a) (i) Distinguish between computer hardware computer system? (02marks)

.....  
.....

(ii) State any two examples of following computer hardware. (02marks)

Biometric input Devices

.....  
.....

Imaging input Devices

.....  
.....

(iii) Distinguish between *Hardcopy* from *softcopy* (02marks)

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

(v) State any *one* advantages of relaying on softcopy files (01marks)

.....  
.....

(b) (i) State any one Causes of the computer failure to boot up? (1mark)

.....  
.....

(ii) Distinguish between system failure from System freeze. (2marks)

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

23 a) In relation to database, define the following terminologies

i. Flat file database. (01 mark)

.....  
.....

ii. Relational database. (01 mark)

.....  
.....

b) (i) List one example of data that can be used to create a data base.

(01marks)

.....  
.....

(ii) Give two advantages of electronic databases over manual databases.

(02marks)

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

Define the following as used in spread sheet software. (02 marks)

(i) Value.

.....  
.....

(ii) A label.

.....  
.....

(iii) State any two uses of spread sheet software. (02 marks)

.....  
.....

State any two situations that can necessitate one to use equal signs in an electronic spreadsheet cell. (01marks)

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

24. (a) Distinguish between peer to peer networks and Client server. (02marks)

.....  
.....

(i) Intranet from Extranet

(02marks)

.....  
.....

(ii) Mention two types of cable data transmission. (02marks)

.....  
.....

(b)i Identify two cautions a web designer should consider when designing a web page

(02marks)

.....  
.....

(ii) List two qualities of a good webpage (02marks)

.....  
.....

(iii) Explain the following terms related to E-mails. (02marks)  
CC

.....  
.....

BCC

.....  
.....

Give two advantages of using e-mails over ordinary mails

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



25. (a) Distinguish between **presentation software** *from* **word processing**. (02marks)

.....  
 .....

(b) (i) Explain the following terms related to presentation? (02marks)

Slide master

.....  
 .....

Slide sorter view.

.....  
 .....

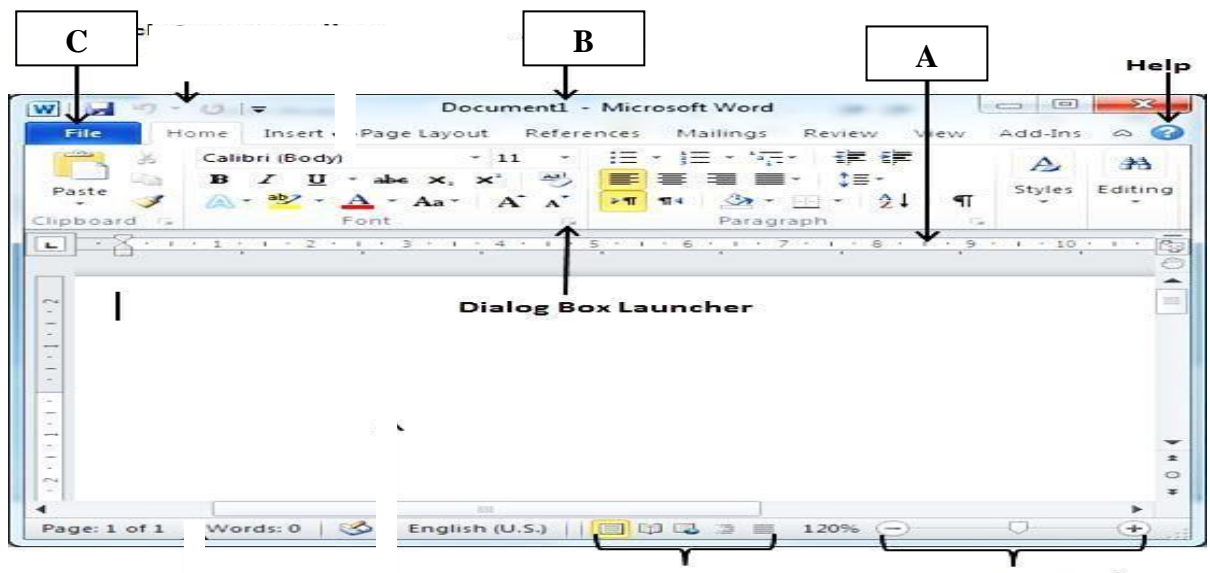
(ii) Why sound may be added to a presentation. (02marks)

.....  
 .....

(c)i State any two examples of word processing software you know? (02marks)

.....  
 .....

ii Name the following features in word processing



A.....

B.....

C.....

26. (a) Distinguish between **System software** from **Application software**  
**Software** (02marks)

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

- (b) (i) Identifying any two features of an application software interface.  
(02marks)

.....  
.....

- (ii) State any two examples of web authorizing software programs.  
(01marks)

.....  
.....

- (c) (i) State any two management functions of operating system. (01marks)

.....  
.....

- (ii) Define the following language translators (02mark)

a) Assembler

.....  
.....

b) Compiler.

c) .....

d) .....

### **SECTION C: (20Marks)**

***Answer only one question from this section***

***Answers to the question must be written in the answer booklet provided.***

27. (a) Distinguish the following terminologies.  
(i) System freeze from System failure. (2 marks)

(ii) System performance from Computer performance. (2 marks)

- (a) (i) State any four causes of system freeze. (08 marks)

(ii) State any four causes of system failure. (08 marks)

28. Describe the various categories of computer application software available today. (20marks)

29. a) Networked computers are widely used in all organizations to simplify daily activities. As computer student, Explain any five advantages of installing networks. (10 marks)

- b) Explain the following networking devices.

(i) Hub (ii) Bridge (iii) Route (iv) Repeater (v) Gateway.  
(10 marks)

**END**

