

[illegible]

SectionA:(20 Marks)

Attempt all questions here.

1. A computers ability to reason and think is best represented by it's.....?
A. ALU
B. CU
C. CMOS
D. LCD ☐
2. The ability of a computer to automatically configure peripheral devices is known as
A. supervision
B. drivers
C. registering.
D. plug and Play ☐
3. When system peripherals stop working suddenly, computer users can be advised to start by.....
A. Identifying the cause of the fault.
B. Buying a new peripheral device.
C. Changing the version of the peripheral.
D. Going to another computer. ☐
4. System device configurations checked during the booting process are generally kept in the?
A. RAM
B. BIOS
C. CMOS
D. POST ☐
5. Which one of the following computer generations represents the invention of the operating system?
A. First generation
B. Second generation
C. Fourth generation
D. Third generation ☐
6. Which one of the following components is an element of the central processing unit?
A. CMOS
B. RAM
C. Accumulators
D. Pixels ☐

7. The program that loads operating system into memory during computer system start-up is.....
- A. DOS
 - B. boot strap
 - C. BIOS
 - D. POST
8. Which one of the following practices would slow down the speed of the computer system?
- A. Increasing the amount of RAM
 - B. Running several software applications at the same time
 - C. Using a smaller screen or monitor
 - D. Using a very small mouse
9. In computer studies troubleshooting refers to a form of.....
- A. Problem solving
 - B. Data security measures
 - C. Protecting the computer
 - D. Crime preventing
10. A local area network that uses World Wide Web standards transmissions, uploads and down loads is referred to as.....
- A. Extranet network
 - B. Closed network
 - C. Intranet network
 - D. SOHO network
11. Which one of the following statements is correct about mail merge feature of word processors?
- A. It is used to develop multiple copies of the same letter for different recipients
 - B. It is used to send multiple copies of the same letter to different recipients
 - C. It is used to import multiple copies of the same letter
 - D. It is used to export multiple copies of the same letter
12. Computer ethics would best be described by
- A. being polite on line
 - B. trade names
 - C. trade marks
 - D. copyrights

13. Ais a preliminary working version of a software product for demonstration and evaluation by end users.

- A. version.
- B. release.
- C. prototype.
- D. system life cycle.

☐

14. Which one of the following is an imaging input device?

- A. Dance pad.
- B. Keyboard.
- C. Camcorder.
- D. Speed gun

☐

15. Which of the following is correct about electronic spreadsheet?

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

☐

16. During the process of installing an operating system, its important toa new hard disk

- A. format
- B. clean
- C. defragment
- D. compress

☐

17. Arrangement of slides in a presentation can be achieved by use of

- A. slide layout
- B. slide sorter
- C. place holder
- D. master slide

☐

18. Devices connected to a computer through its external ports are known as.....

- A. communication devices
- B. peripheral devices
- C. Input devices
- D. storage devices

☐

19. A/an Shape is used to denote the beginning of the program algorithm in a flow chart.

- A. parallelogram
- B. rhombus
- C. ellipse
- D. arrow



20. A programming utility that combines several compiled program modules of a program into a single executable program is known as?

- A. Assembler
- B. Debugger
- C. Linker
- D. Interpreter



SECTION B (60 MARKS)

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

21. a) What is a “**computer generations**”

(2 marks)

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b) Give **two** reasons to support the study of the history of computers

(2 marks)

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c) State **three** career opportunities in the field of ICT

(6 marks)

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22. a) Briefly explain the following technologies used in data storage of data and information.

i) Optical technology

(2marks)

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(ii) Solid state technology (2marks)

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b) Give **two** uses of a mouse on a computer system. (2marks)

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c) Give **four** stages involved in the booting process of a computer (4marks)

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23. a) Give **three** examples of statistical functions found in electronic spreadsheets (6 marks)

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b) Give **two** examples of electronic database software. (2 marks)

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c) Give **two** uses of query objects created in electronic databases. (2 marks)

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24. a) In relation to computer communication and networks, explain the meaning of the following terms.

(i) Server (02 marks)

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(ii) Client (02 mks)

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b) (i) State **two** advantages of depending on computer networks

(02 mks)

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(ii) What is a half-duplex switch? (02mks)

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(iii) Give **two** advantages a school would enjoy by having a website
(2 marks)

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25. a) Give **three** features of an electronic word processor interface. (3 marks)

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b) Give **two** examples of document referencing features provided by
electronic word processor (2 marks)

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c) Give **one** use of each of the following electronic presentation features
i) Slide master: (1 mark)

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ii) Slide sorter view: (1 mark)

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d) State **three** uses of electronic presentation software (3 mark)

26. a) What is a device driver? (2 marks)

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b) State **two** uses of networking operating system (2 marks)

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c) Name **three** categories of utility programs. (3 marks)

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d) Supposing a computer user install windows 13 on his/her laptop. Give **three** functions it can perform in the computer system (3 marks)

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SECTION C: (20 MKS)

*Answer only **one** question from this section. Answers to this question must be done on the answer booklet/sheets provided.*

27. a) Explain the **three** methods of error detection in a program code. (06 marks)
- b) Identify one method of finding out computer specifications, and briefly describe how you would use that method to know important details about the computer. (08 marks)
- c) Describe how you would create a folder on your computers desktop (06 marks)
28. a) Briefly describe how you would change a computer users Password. (10 mks)
- b) State **five** ways in which computers are revolutionalising the education sector. (10 marks)
29. a) Explain the factors you would consider to choose a programming platform to use (10 mrks)
- b) Explain any **five** stages of a real programming life cycle. (10 marks)

END