

MID TERM III EXAMINATIONS 2019

S.3 COMPUTER STUDIES 840/1

TIME: 2 HOURS

INSTRUCTIONS

This paper has sections A, B and C

Section A has 20 compulsory objective type questions and you are required to put a ring around the correct alternative.

Section B has six structured questions and answers to this section should be filled in the spaces provided.

Section C has two questions and you are to answer only ONE question and answers to this section should be on separate answer sheet provided.

Neat handwriting is a MUST.

SECTION A (20 MARKS)

1. Having knowledge and understanding of a computer and how it can be used is called

A. computer competence C. computer professional

B. computer literacy D. computer illiteracy

2. Which one of the following was the first computation device?

A. Napier Bones C. abacus

B. slide rule D. analytical engine

3. Keys F1 to F12 are known as keys

A. arrow C. control

B. function D. typing

4. Which computer generation is still under development?

A. First generation C. seventh generation

B. Second generation D. sixth generation

5. Which type of computers was used in the first generation?

A. universal C. IBM

B. automatic D. main frame

6. The combination of computer and communication technologies to process data into information is called

A. information technology C. information cycle

B. computer literacy D. computer

7. Another word for consistency as far as computer characteristics are concerned is

A. automatic C. speed

B. diligence D. storage

8. The heart of any computer system is the

A. CPN C. control unit

B. CPX D. processor

9. The diagram below shows a computer classification of hand held device. Identify it



A. smart phone C. PDA's

B. desktop computer D. i-pad

10. Which of the following word processing feature help a user to make a character(s) large so as to attract a reader?

- A. auto correct
- C. spell checker
- B. drop cap
- D. auto text

11. The software that is given to the customers for a trial period and paid beyond the trial period

- A. shareware
- C. custom software
- B. freeware
- D. open source

12. Which of the following is true about an operating system?

- A. It boots the computer when is off
- B. master controller of all computer activities and its resources
- C. Tells the computer hardware on what to do
- D. Executes and performs mathematical operations in the computer

13. Ramlah is a good computer architect and designer. Which software is she likely to be using to make computer aided designs?

- A. CATV
- C. authentication
- B. off shelf software
- D. CAD

14. The process of having a certificate of a manufacturer of any commodity like a computer for example ACER is referred to as

- A. documentation
- C. authentication
- B. software
- D. publicity

15. The user interface that allows a user to interact with computer like typing using a keyboard is called

- A. command line interface
- C. kernel

B. graphical user interface

D. operating system

16. The following are editing features in word processing

A. spell checker

C. deleting

B. autocorrect and auto text

D. all the above

17. Which one of the following is used as a dictionary in the computer when typing a document?

A. auto text

C. spell checker

B. redo

D. thesaurus

18. Double spacing the document means that

A. The document space is reduced by 2

B. The document space is by 1

C. The document space is put to 2

D. The document space is zero.

19. The left, right, center, justified and force justified are options of

A. line spacing

C. case

B. editing

D. ALIGNMENT

20. When 1110001_{two} is converted to decimal, the result is

A. 113

C. 11111

B. 435

D. 1000

SECTION B(60 MKS)

Answer all questions in this section

21. a) what is word processing?

(1mk)

.....
ii) State any three advantages of a word processor over a traditional type writer (3 mks)

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.....

b) Identify three features used in a word processor (3 mks)

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ii) Explain the following terms as used in word processing (2 mks)

a. copy and paste

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b. cut and paste

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c) Give any one document that can be produced by the word processor (1 mk)

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22. a) Define an operating system (2 mks)

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ii) Give any four roles played by the operating system (4 mks)

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b) State any two examples to the following operating system types (4 mks)

i) Single task operating systems

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ii) multi-tasking operating system

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23. a) what is a computer program? 2mks

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b) Describe the six characteristics of a modern computer (6 mks)

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ii) Mention the first computer to be used for computing (2mks)

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24. a) write down the keyboard shortcuts for the following (5mks)

- | | |
|------------------------|----------------------|
| i. Copy..... | iv. Right align..... |
| ii. Paste..... | v. Underline..... |
| iii. Center align..... | |

b) what do these keyboard shortcuts for? 2mks

- i. Ctrl + S.....
- ii. Ctrl + B.....

c) Outline the four steps for creating a folder (3mks)

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

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b) state any three advantages of using an email as a means of communication (3mks)

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c) Write the following in full in relation to e-mail (2mks)

BCC.....

CC.....

d) Define the following terms as related to e-mail (3mks)

compose

.....

Attachment

.....

Subject

.....

26. a) write the following computer acronyms in full (5mks)

GIGO.....

BIT.....

TCP.....

IPX.....

b) convert the following to binary form (4mks)

i) AABBBCCCH₁₆

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ii) CCFFF₁₆

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c) which type of computers are known for using binary numbering system for their computations?

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SECTION C(20 MARKS)

Answer only one question in this section

27. a) define the term computer generation. 2mks

b) State any three features to the following computer generations (9mks)

- i. Fifth generation
- ii. Third generation
- iii. First generation

c) Write the following in full

- i. UNIAC
- ii. EDSAC

- iii. IBM
- iv. FORTRAN

d) Name any 5 careers that are found in the area of information technology (5 mks)

28.a) Define the term a network topology (2mks)

b) Explain any four types of network topologies you know. Ensure diagrams are fully used for your explanations (16mks)

**WISHING YOU SUCCESS MY BABY COMPUTER ENGINEERS, SOFTWARE ENGINEERS,
PROGRAMMERS, TEACHERS, TECHNICIANS, SYSTEM ANALYSTS, DATABASE
ADMINISTRATORS.....**

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