

NAME.....Index.....

Signature.....

840/1

COMPUTER STUDIES

(Theory Paper)

April 2019**2½ Hours****PRE-REGISTRATION EXAMINATIONS****COMPUTER STUDIES**

Paper 1

Time: 2 Hours 30 Minutes**INSTRUCTIONS TO CANDIDATES**

- Write your **NAME**, **SIGNATURE** and **STREAM** in the spaces above.
- 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** must be written in the box provided on the first page.
- Section **B** contains **six compulsory** structured questions
- Answers to Section **B** must be written in the spaces provided in the question paper.
- Section **C** contains three equally weighted essay questions. Answer only one. Answers to Section **C** must be written in the answer sheets provided.

For Examination Use Only

MCQ	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	TOTAL
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SECTION A (20 Marks)

1. Which of the following belongs to the third Generation computers?
 - A. Development of CLI
 - B. Development of GUI
 - C. Development of microprocessors
 - D. Development of VSLI
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 tables
 - 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. Back up
 - 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 w`.....`ere characterized by

- A. Vaccum tubes
- B. Transistors
- C. LSI
- D. VLSI

14. Which of the following is an odd man out?

- A. Superscript
- 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 (3mks)

- i) PCI.....
- ii) AGP.....
- iii) TCP.....

b) Differentiate between character printing and line printing (2mks)

.....

 c) Give two disadvantages of impact printers

.....
 d) Give any three examples of devices that can be used to output sound (3mks)

.....
 22a) what is a computer program (1mk)

.....
 b) suggest two characteristics of a good programming language

.....
 c) Write down three language processors (3mks)

.....
 d) Give one example of

i) High level programming language (1mk)

.....
 ii) Low level programming language (1mk)

.....
 e) Give two advantages of High level programming language over low level programming languages (2mks)

High level programming language	Low level programming language

22. a) what is a home page?

.....
 b) Give three limitations of web sites (3mks)

.....

 c) mention two web authorizing softwares (2mks)

.....
 d) Give four factors considered when designing a web site (4mks)

.....
 24a) Define the term presentation software (2mks)

.....
 b) mention two examples of presentation software (2mks)

.....
 c) what is meant by the following terms in relation to presentation software? (6mks)

i) slide

.....
 ii) place holder

.....
 iii) Action button

.....
 25. a) Define the term a multimedia (1mk)

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

i) Education (2mks)

.....
 ii) Home (2mks)

iv) Business (2mks)

.....

c) outline three factors that affect internet speed and connectivity (3mks)

.....

.....

26. a) Define the term Bus cable (1mk)

.....

b) Identify two types of buses in computer architecture (2mks)

.....

c) Differentiate between a port and a slot (2mks)

.....

d) Give three internal components of a system unit (3mks)

.....

e) Give two advantages of a hard disk over a compact disk (2mks)

SECTION C(20marks)

27. a) Differentiate between coding and debugging in relation to computer programming. (4mks)

b) Explain the various characteristics of a good software (12mks)

c) Identify four major steps taken when designing a program. (4mks)

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

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

END