Mid Term III Examination-2019
S.2 Computer Studies 840
Paper 1
Time : 2 hours

NAME: ……………………………………………………………..STREAM

SIGNATURE:…………………………………………..

Instructions:
- ➢ Attempt **all** questions in all sections
- ➢ Section A has **20** compulsory objective type questions and choose the best alternative
- ➢ In section **B**, you fill in the spaces provided
- ➢ Section **C** has structured questions and you are required to fill in the spaces provided.
- ➢ Any form of **cheating** will lead to dismissal from the examination
- ➢ Good **handwriting** is highly emphasized.

SECTION A
Use this table to answer this section

1.	6.	11.	16.	21.
2.	7.	12.	17.	22.
3.	8.	13.	18.	23.
4.	9.	14.	19.	
5.	10.	15.	20.	

1. Which of the following processes represent a complete information processing cycle?
   A.Input,processing,data entry and storage
   B.Input,processing,output and storage

   C.Input,output,storage and processing
2. An operating system is………

A.The part of hardware that operates input devices and output devices

B.Part of hardware that operates windows on monitors

C.System software that manages the computer system resources

D. A section of the software that must be part of every day program

3. Which of the following is not a programming tool?

A.Debugger   B.An interpreter   C.notebook   D.A compiler

4. Slides as an output are displayed using…………software

A.Word processing   B. browser   C.spreadsheet   D.presentation

5. Which of the following is the "Brain" of a computer?

A.Main memory   B. Processor chip   C. ALU D.CMOS

6. An anti-virus is an example of

A.An application software

B.Software package

C.utility program

D.Operating system

7.which of the following is created using presentation software?

A. a directory   B. a file   C.organizational chart   D. e-mail message

8. which of the following procedure can be used to open an existing document?

A. click open button on status bar

B. choose file;open

C.double click the right column border on worksheet frame

D.dragging the column border on worksheet frame

9. which of the following is a characteristic of second generation computers?

A. vacuum tubes   B. transistors   C.integrated circuits   D. diodes

10. what are 0 and 1 used in representation of computer data referred to?

A. byte   B. protocol   C. ASCII   D. BIT

11. convert 10010011_{two} to decimal

A. 156   B. 67   C. 75   D. 147

12. which of the following is not an output device?

A. printer   B. plotter   C.monitor   D. touch screen

13. one of the following is not a component of a computer system unit

A. ROMBIOS   B. power unit   C. processor chip   D. keyboard

14.which of these types of storage devices uses a laser to record or read information?

A. hard disk   B. floppy disk   C. CD-RW   D. zip drive

15.The speed of an inkjet printer is measured by the number of …………it can print

A.Character per second(CPS)

B.Pixels per second

C.Lines per minute(LPM)

D.Pages per minutes(PPM)

16.A megabyte is equivalent to………..kilobytes

A.1024   B.1048576   C.11534336   D. 104857600

17. The device that interpretes and executes the instructions in the computer and also called the brain of a computer is the

A.System unit   B. base unit   C. CPU   D. ALU

18.Which of the following is a set of impact printers

A.Inkjet printers   B. bubble jet printers C. line printers   D. thermal printers

19.With computer devices, the acronym CPU stands for

A.Central processing unit

B.Command processing unit

C.Central processor unit

D.Command processor unit

20.In a laser printer, the……….transfers the image to the paper.

A.Laser   B. roller   C.toner   D. drum

21.An example of a non volatile memory

A.ROM   B. RAM   C. PROM   D. DRAM

22. When the user does give the computer a command and   leave it to work upon it and thereafter comes when it is finished, then this feature of computers today is

A. automatic   B. consistent   C. Speed   D. internet

23. One of the most dangerous issues about internet among the youths is that it has

A. promoted faster access

B. increased pornography

C. promoted thefty of materials

D. increased laziness

SECTION B
Fill in the correct word

21. ……………………..is the process of restarting a computer

22. ……………………..is the process of turning on a computer after it had been switched off

23. ………………….are the physical tangible components of the computer.

24. ……………….converts digital signals to analog and vice versa

25. ……………………….is also known as the heart of the computer.

26. …………………..is a picture representation of a program or an item

27. …………………..is sometimes called a visual Display Unit.
28. ……………is the smallest unit in the measurement of information
29.…………………was the major discovery in the fifth generation of computers
30. Back space key deletes…………………………………
31. Type of memory that stores computer data permanently is…………………
32. EPROM and EEPROM are various types of…………………
33. Pixels is a short form for…………………………………..
34. Artificial intelligence is found on…………………generation of computers
35. Non-impact printers are printers which does not use the……………………mechanism.
36. Monitors are either LCD or ………………….
37. Dragging, pointing, clicking are terms connected with the…………
38. When RAM is said to be volatile then ROM will be……………….
39. 100000_{two} to decimal gives us……………………………
40. CD-ROM can store data to approximately……………….MBS

41.a) What is a computer? *(2 marks)*
………
………
……………………………………………………………………………………………………

b) Define the following terms   *(2marks @)*
   i)   Data
……
…….

   ii)   Booting
……
……

   iii)   Information
……
………...

22. a) List any three storage media   *(3 marks)*
……
………...

....

....

b) Identify the following parts of a computer   *(4 marks)*

A

B

C

D

A ....

B ....

C ....

D ....

23. a) Distinguish between cold and warm booting

....

....

....

b) Mention three reasons for restarting a computer

....

....

....

....

24.   Complete each sentence below with a suitable hardware device   *(4 marks)*

i)   .... is a device for entering text data and instructions into the computer

ii)   .... is a device that output audio information

iii) .... is a device used to produce a hardcopy

iv) .... is a device that displays information

25. Mention the four the basic operations of a computer.   *(4 marks)*

………

………

………

………

26.   Computers are used in homes, offices and in education. List 5 ways how computers are used in the society.   *(5 marks).*

………

………

………

………

………

………

27.   List five (5) characteristics of a computer

……

……

………

………

………

………

28.   Write the following abbreviations in full

(i) PC ………………………………………………………….…………..………………………….

(ii) CD …………………………………………………………………………………………….…

(iii) DVD ……………………………………………………………………………………………..

(iv) IT …………………………………………………………………………………………….…..

(v) UPS …………………………………………………………………………………..……...…

(vi) CPU ……………………………………………………………………………………………

(vii) VDU ……………………………………………………………………………….….…....…

(viii)MB …………………………………………………………………………………………….…

(ix) GIGO ……………………………………………………………………………….…..…..

x) BIT…………………………………………………………………………………………….

SECTION C

Use the answer sheet provided for this section

29. a) change the following to binary form

    i) 56_{10} iii) 625_{10}

    ii) 45_{10} iv) 32_{10}

  b) convert these to octal base

    i) 43_{10} iii) 843_{10}

    ii) 512_{10} iv) 954_{10}

c) Express the following from octal base to base two

    i) 6557_8

    ii) 444_8

    iii) 756_8

    iv) 67_8

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