Mid -Term 1 Examination-2019 S.3 Computer Studies Paper one

INSTRUCTIONS

Time: 2hrs

- Answer all questions in all the sections
- Answers for section A should be filled in the box below.
- Answers for section B should be filled in the spaces provided.
- *Use only one answer script for section C.*

1	(6	1	11.	16	
2	· /	7	1	12	17	
3	1	8		13	18	
4	!	9	1	14	19	
5		10	1	15	20	

1.	Which of the following is an internal storage	device
	A. memory card	C. CPU
	B. flash disk	D. hard disk
2.	The following are the characteristic of the fir	st generation computers.
	A. very fast	C. generated a lot of heat
	B. huge in size	D. very first
3.	Which of the following is not a major part of	a computer?
	A. key board	C. CPU
	B. monitor	D. mouse
4.	The following are computer output devices	except?
	A. printer	C. speaker
	B. microphone	D. plotter
5.	Which of the following computes use binary	codes to represent information?
	A. super computer s	C. analog computers
	B. laptop computers	D. digital computers
6.	Theability of computer to perform the same t	asks over and over again without getting
	tired is?	
	A. versatility	C. accuracy
	B. automation	D. none of the above
7.	The invention of the defines	the second generation computers
	A. magnetic core	C. transistors
	B. punched cards	D. vacuum tubes
8.	In which computer classification is the main	frame categorized.
	A. process	C. purpose
	B. size	D. processor power
9.	The following are major parts of the keyboar	d apart from?
	A. functional keys	B. enter key

C.	alphan	umeric keys	D.	cursor control keys
10.		Is greatly recognized in the h	isto	bry of computers as the inventor of the
	of the 1	nechanical machine.		
	A.	William Oughtred	C.	Jacquard's loom
	B.	Charles Baggage	D.	Blaise Pascal
11.	The	Stores data temporary in a ce	ntra	l processing unit.
	A.	ALU	C.	Register.
	B.	cu	D.	accumulators
12.		server stores and distributes docu	ume	ent client computer across a network.
	A.	database		C. internet
	B.	printer	D.	file
13.	Twiste	d pair, coaxial cable and microwave are t	ype	s of transmission
	A.	chains	C.	Information.
	B.	media	D.	types
14.	How m	nany bytes are in 90 bits?		
	A.	0.9	C.	64
	B.	11.25	D.	24
15.	in spre	adsheet, row 6 and column d form a cell i	efe	rence
	A.	6d	C.	6:d
	B.	d6	D.	d:6
16.	As the	computer technology advances,		
	A.	the size of computers also advance		
	B.	the size of computers reduce		
	C.	the size of computes remains normal		
	D.	the cost of computers will be high		
17.		is not a computer peripheral device	e	
	A.	network connection	C.	plotter
	B.	fax modem	D.	hard disk
18.	Which	of the following is the standard unit of da	ata s	storage?
	A.	kilobyte	C.	bit
	B.	byte	D.	megabyte
19.	A folde	er within a folder is called?		
	A.	subfolder	C.	small folder
	B.	file	D.	document
20.	Which	of the following is application software?		
A.	windov	ws		
B.	Micros	oft office		
C.	Cobol			

D. visual basic

SECTION B

1.	(a) Define the term software?	(01)
		•••••
	(b) Giving one example in each case, differentiate between system application software.	software and (04)
	(c) Give any five roles played by an operating system in a computer.	(05)
2.	(a) Define the term data communication as used in computing.	(02)
•••		
•••		••••••
(b)	Briefly explain any five basic elements of data communication.	(05)
		•••••
•••		••••••
•••		
•••		•••••
•••		
•••		

	Differentiate between guided and unguided transmission media. (03)
	(i) Choose the correct answer from the list below to fill the spaces. (05)
A	gateway, A bridge, A repeater, A hub, A modem.
a)	A computer device which changes signals from analog to digital and vice versa is
b)	A computer device which amplifies signals and sends them to far distances without losing their energy is
c)	A computer device which connects two LANS with similar protocols is a
d)	A computer device which reads the address of the device and sends packets to that particular address is a
e)	A device that is used to provide multiple ports for connection is
	(ii) With the use of illustrations, explain simple transmission of data flow in a network.(05)
4.	(i) Differentiate between the following terms as applied to computers. (06)
	a) Artificial intelligence
	b) versatility

	•••••		
	•••••		
c)	automation		
- /			
	•••••	•••••	•••••
	(ii) Give any four advanactivities. (04)	ntages of using information techn	nology in our day today
•••			
•••			
Stu	dy the devices below and	answer questions that follow:	
(_	A	B	C
	D	Е	
(a)	Name the devices labeled	İ.	(05 marks)
	C		
	D. E		
(h)		e between devices C and D .	(01)
$\langle v \rangle$	or to one major uniterest	c controll do thos e una b	(01)

5.

(04)

(c) Give any four differences between RAM and ROM

6.	a(i) Define the term a computer topology
	ii) with the help of a diagram, explain how the following network topologies
a)	bus topology
b)	ring topology
	(ii) Give any five disadvantages of using computers in society. (05)

SECTION C

How can computers (ICT) be used in the following fields? (20)

- (i) At home
- (ii) In school
- (iii) In health
- (iv) In transport

END