Seat No. _____

BACHELOR OF COMPUTER APPLICATION Examination

BCA Semester - 1 JAN 24 (Reg.) JAN - 2024

CS-03: COMPUTER FUNDAMENTALS AND EMERGING TECHNOLOGIES

Faculty Code : 003

Subject Code : 23SI-BCAP-MI-01-01003

RAJ0107289 11

Time : 2 Hours] **[Total Marks : 50**

Q.1 (A)	Answer the following : (1) Full form of CPU (2) Who was the father of Computer? (3) Micro digital computer is mainly used as servers. (True / False)	3
Q.1 (B)	Explain any two Characteristics of Computer.	2
Q.1 (C)	Explain Secondary Storage in brief.	5
	OR	
Q.1 (A)	Answer the following : (1) Full form of EPROM. (2) _____ Cable is used for telephone line. (3) SD Card is a type of flash memory. (True / False)	3
Q.1 (B)	Explain any two types of Slots.	2
Q.1 (C)	Explain types of RAM in brief.	5
Q.2 (A)	Answer the following : (1) Full form of MIDI. (2) The first mouse was invented by _____. (3) POS can be used only in super markets. (True / False)	3
Q.2 (B)	What is Light Pen and Glide-Pad?	2
Q.2 (C)	Explain in brief types of Scanner.	5
	OR	
Q.2 (A)	Answer the following : (1) Full form of DVD. (2) Flash memory is quite similar to _____. (3) The total time to reach under specific SECTOR is known as Seek Time. (True / False)	3
Q.2 (B)	What is SATA and SSD?	2
Q.2 (C)	Explain in brief Cloud Storage.	5
Q.3 (A)	Answer the following : (1) Full form of TFT. (2) Speed of laser printers can be categorized as _____. (3) Pixel stands for Pix Element. . (True / False)	3

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Q.3 (B) What is CRT display unit? 2

Q.3 (C) What is Monitor? Explain types of Monitors. 5

OR

Q.3 (A) Answer the following: 3

(1) Full form of SGD.

(2) CRT is a type of monitor. (True / False)

(3) _____ Projection device uses Transparencies.

Q.3 (B) What is Plotter? 2

Q.3 (C) What is Printer? Explain types of Impact Printer in brief. 5

Q.4 (A) Answer the following: 3

(1) Full form of ASCII.

(2) As assembly language was the second language which was introduced, it is also termed as _____.

(3) System software is generally deals with hardware part directly. (True / False)

Q.4 (B) What is parity check? 2

Q.4 (C) Explain in brief Binary Codes. 5

OR

Q.4 (A) Answer the following: 3

(1) Full form of EBCDIC.

(2) 1 GB = _____ MB.

(3) C Language is 2nd Generation Programming Language. (True / False)

Q.4 (B) What is Assembler and Compiler. 2

Q.4 (C) What is Operating System? Explain various types of Operating System. 5

Q.5 (A) Answer the following: 3

(1) Full form of CDMA.

(2) _____ Technology is used in night vision cameras.

(3) AVG is anti virus software. (True / False)

Q.5 (B) What is Virus? 2

Q.5 (C) What is Cloud Computing? Explain its Service Models and Architecture. 5

OR

Q.5 (A) Answer the following: 3

(1) Full Form of ATM.

(2) The output which you seen on your monitor is termed as Hard Copy. (True / False)

(3) The process of saving data for future use is called _____.

Q.5 (B) What is GIS and GPS? 2

Q.5 (C) Explain in brief types of Printing Speed. 5

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