



Seat No. \_\_\_\_\_

**BACHELOR OF COMPUTER APPLICATION Examination**

**BCA Semester - I JAN 24 ( Reg. ) JAN - 2024**

**CS-03: COMPUTER FUNDAMENTALS AND EMERGING TECHNOLOGIES**

**Faculty Code : 003**

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

**Time : 2 Hours]**

**[Total Marks : 50**

- Q.1 (A) Answer the following : 3
- (1) Full form of CPU
  - (2) Who was the father of Computer?
  - (3) Micro digital computer is mainly used as servers. (True / False)
- 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 : 3
- (1) Full form of EPROM.
  - (2) \_\_\_\_\_ Cable is used for telephone line.
  - (3) SD Card is a type of flash memory. (True / False)
- 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 : 3
- (1) Full form of MIDI.
  - (2) The first mouse was invented by \_\_\_\_\_.
  - (3) POS can be used only in super markets. (True / False)
- 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 : 3
- (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)
- Q.2 (B) What is SATA and SSD? 2
- Q.2 (C) Explain in brief Cloud Storage. 5
- Q.3 (A) Answer the following : 3
- (1) Full form of TFT.
  - (2) Speed of laser printers can be categorized as \_\_\_\_\_.
  - (3) Pixel stands for Pix Element. . (True / False)

Q.3 (B)	What is CRT display unit?	2
Q.3 (C)	What is Monitor? Explain types of Monitors. OR	5
Q.3 (A)	Answer the following : (1) Full form of SGD. (2) CRT is a type of monitor. (True / False) (3) _____ Projection device uses Transparencies.	3
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 : (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)	3
Q.4 (B)	What is parity check?	2
Q.4 (C)	Explain in brief Binary Codes. OR	5
Q.4 (A)	Answer the following : (1) Full form of EBCDIC. (2) 1 GB = _____ MB. (3) C Language is 2nd Generation Programming Language. (True / False)	3
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 : (1) Full form of CDMA. (2) _____ Technology is used in night vision cameras. (3) AVG is anti virus software. (True / False)	3
Q.5 (B)	What is Virus?	2
Q.5 (C)	What is Cloud Computing? Explain its Service Models and Architecture. OR	5
Q.5 (A)	Answer the following : (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 _____.	3
Q.5 (B)	What is GIS and GPS?	2
Q.5 (C)	Explain in brief types of Printing Speed.	5