Seat No. _____

BACHELOR OF COMPUTER APPLICATION-CS Examination

BCA SEMESTER-1 JANUARY 2025 (Regular) JANUARY - 2025

C F & EMERGING TECHNOLOGIES

Faculty Code : 017

Subject Code : 24CS-BCAP-MI-01-01003

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

Q.1 (A) **Answer the following** 3

1). Who was the inventor of Analytical Engine?
2). Which Computer is also called "Big Iron"?
3). Full form of ENIAC.

Q.1 (B) Explain Characteristics of Computer in detail. 2

Q.1 (C) What is Computer? Explain in brief Generation of Computer. 5

OR

Q.1 (A) **Answer the following** 3

1). Full form of UNIVAC.
2). Which type of Computer gives approximate result?
3). Full form of EEPROM.

Q.1 (B) Explain Power device UPS. 2

Q.1 (C) Explain in brief types of Computer. 5

Q.2 (A) **Answer the following** 3

1). Group of Sectors is called _____.
2). Which device is use to translates the hard copy into an electronic format that can be store in a Computer?
3). Full form of MIDI.

Q.2 (B) Explain Cloud Storage in brief. 2

Q.2 (C) Explain types of Magnetic Storage devices. 5

OR

Q.2 (A) **Answer the following** 3

1). Flash memory is quite similar to _____.
2). POS stands for _____.
3). Full form of MICR.

Q.2 (B) Explain Track and Sector. 2

Q.2 (C) Explain in brief types of Scanner. 5

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Q.3 (A) **Answer the following** 3

1). Full form of OLED.
2). Fax machine is also known as?
3). Full form of SGD.

Q.3 (B) Explain Google Glass. 2

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

OR

Q.3 (A) **Answer the following** 3

1). Full form of LCD.
2). Give the name of Non-impact printer.
3). Give the Full form of output device COM.

Q.3 (B) Explain Plotters in detail. 2

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

Q.4 (A) **Answer the following** 3

1). Full form of EBCDIC.
2). 1's Complement of 1000101010
3). _____ is half of byte.

Q.4 (B) Addition of two binary no 2

(1). 010110101 + 100101010 (2). 1001101 + 10101

Q.4 (C) Explain types of Computer Languages in detail. 5

OR

Q.4 (A) **Answer the following** 3

1). _____ is use to translate the program Assembly language to Machine language.
2). Full form of ASCII.
3). Divide 101010 by 111.

Q.4 (B) Explain Compiler and Interpreter. 2

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

Q.5 (A) **Answer the following** 3

1). _____ a small picture that represents an Object or Program.
2). GSM stands for _____.
3). Full form of CDMA.

Q.5 (B) Explain GIS and GPS. 2

Q.5 (C) Explain Service Models and Architecture of Cloud Computing. 5

OR

Q.5 (A) **Answer the following** 3

1). Converting one signal from analog to digital is called _____.
2). Physical components of a computer are called _____.
3). Full form of GPS.

Q.5 (B) Explain Buffer and Spooling. 2

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

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