

1811000101030001
BCA (Sem-I)
Examination June-2023
Introduction to Computers

Seat No:

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[Time: Three Hours]

[Max. Marks:70]

Instructions

1. All questions are compulsory.
2. Figure to the right indicate full marks.
3. Mention your options clearly.
4. Question 1-A is of MCQ type, Mention question number and appropriate answer in answer book

Student's Signature

Q.1 (A) Answer the following. **(10)**

- 1) In Computer, cache is a _____?
A. I/P device C. memory
B. O/P device D. Processing device
- 2) Which of the following is a Permanent memory in the computer?
A. RAM B. ROM
C. CPU D. CDROM
- 3) RAM is a type of _____ Memory.
A. Main B. Internal
D. External C. Auxiliary
- 4) Which among the following is not a type of Read Only Memory (ROM)?
A. EPROM C. PROM
B. EEPROM D. DRAM
- 5) Which of the following is not the advantage of Computer?
A. Speed. B. Accuracy
C. Diligence. D. No IQ.
- 6) CRT stands for.
A. Cathode ray tube B. Cathode ray table
C. Cathode right tube D. Cathode ray task
- 7) What is use of a web browser?
A. To open a website B. For email
C. For Downloading D. All of Above
- 8) Hexadecimal numbers are a mixture of?
A. Octal and decimal numbers B. Binary and octal numbers
C. Letters and decimal digits D. None of this
- 9) Which of the following is designed to control the operation of a computer?
A. Application Software B. System Software
C. Utility software D. User Software
- 10) URL stands for _____?
A. Uniform Resource Locator B. Uniform Research Locator
C. University Research Locator D. None of Above

(B) Answer the following (Any 5) (10)

- 1) Justify that computer is versatile device.
- 2) What are the various components of CPU?
- 3) What is number system? List out types of number system?
- 4) Give the Full Form of of: EEPROM, UVEPROM, SRAM, DRAM.
- 5) Explain URL with an example.
- 6) Explain the uses of router.

Q.2 Answer the following (Any Three) (18)

- 1) Draw a block diagram of Computer and explain its functional units.
- 2) Explain Various Pointing devices.
- 3) What is ROM? List the types of ROM and Explain EPROM and EEPROM in detail?
- 4) Explain the Concept of online Data back up with suitable example.
- 5) Explain Printers in detail.

Q.3 Write Short Note: (Any Two) (12)

- 1) Bluetooth.
- 2) Bar code reader and joystick
- 3) Motherboard.
- 4) FAST Tag.

Q.4 Differentiate between following (Any Two) (08)

- 1) RAM and ROM
- 2) Virtual Memory and Cache Memory
- 3) Supercomputer and Mainframe Computer
- 4) WiFi and Hotspot

Q.5 Answer the following (Any Four) (12)

- 1) $(1644)_{10} = (?)_2$
- 2) Subtract: $(10111)_2$ from $(11011)_2$
- 3) Add binary numbers $(111111)_2$ and $(101011)_2$
- 4) $(11001100.110)_2 = (?)_{10}$
- 5) $(352)_{10} = (?)_2$
- 6) $(110011)_2 = (?)_{10}$