1007M046   Candidate's Seat No :_____

B.Sc. Sem-I Examination
CC 3 Paper-101
Computer Science

Time : 2-00 Hours]   July 2021   [Max. Marks : 50

Instructions: All Questions in SECTION 1 carry equal marks.
Attempt any THREE questions in SECTION 1
Question 9 in SECTION II is COMPULSORY

SECTION I

Q-1   **Write the following.**

(A)   What is computer? Explain types of computer with its benefits and characteristics.   **(07)**

(B)   Explain generation of computer in detail.   **(07)**

Q-2   **Write the following.**

(A)   What is memory? Explain all the types of memory in detail.   **(07)**

(B)   What is I/O devices? Explain any three input and output devices in detail.   **(07)**

Q-3   **Write the following.**

(A)   What is Internet and WWW? How internet works explain in detail with its advantages.   **(07)**

(B)   Explain network topology in detail with its diagram.   **(07)**

Q-4   **Write the following.**

(A)   What is search engine? Explain in detail.   **(07)**

(B)   Explain the concept of email.   **(07)**

Q-5   **Write the following.**

(A)   What is number system? Explain the conversion from decimal to binary with 5 examples. (example should be fractional and non-fractional number)   **(07)**

(B)   Explain the conversion from octal to decimal with 5 examples.   **(07)**

Q-6   **Write the following.**

(A)   Explain the conversion from decimal to octal with 5 examples. (example   **(07)**

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should be fractional and non-fractional number)

(B) Explain the conversion from binary to hexadecimal with 5 examples. **(07)**

Q-7 **Write the following.**
(A) What is HTML?Explain the skeleton of HTML **(07)**

(B) Explain any 10 tags of HTML with its attributes. **(07)**

Q-8 **Write the following.**
(A) What is CSS?Explain in detail with its types. **(07)**

(B) Explain CSS properties and text attribute in detail. **(07)**

SECTION II

Q-9 **MCQ** **(08)**
(1) What is smallest unit of the information?
A)A bit   B)A byte   C)A block   D)A nibble

(2) What is the decimal equivalent of the binary number 10111?
A)21   B)39   C)42   D)23

(3) What is the term for a temporary storage area that compensates for differences in data rate and data flow between devices?
A)Buffer   B)Bus   C)Channel   D)Modem

(4) Which of the following values is the correct value of this hexadecimal code 1F.01B?
A)35.0065918   B)32.0065918   C)31.0065918   D)30.0065918

(5) Which of the following is an output device?
A)Keyboard   B)Mouse   C)Light pen   D)VDU

(6) Which of the following is an input device?
A)Plotter   B)Printer   C)VDU   D)Mouse

(7) The central processing unit is located in the _____.
A)Hard disk   B)System unit   C)Memory unit   D)Monitor

(8) Which of the following is equal to a gigabyte?
A)1024 bytes   B)512 GB   C)1024 megabytes   D)1024 bits

(9) What kind of language can computer understand?
A)Normal language   B)Computer language
C)Assembly language   D)High-level language

(10) Which of the following values is the correct value of this binary code 1011
and 1111?
A)11 and 14   B)12 and 15   C)11 and 15   D)12 and 14

(11) What is the full form of RAM?
A)Remote Access Memory   B)Random Access Memory
C)Remote Access Memory   D)Random Access Memory

(12) What is the full form of DRAM?
A)Dynamic Remote Access Memory
B)Dynamic Random-Access Memory
C)Dependent Remote Access Memory
D)Dependent Random-Access Memory

(13) Which of the following is not considered hardware?
A)Operating system   B)CPU   C)Keyboard   D)Hard disk

(14) Which one of the following is not a form of data storage media?
A)A database   B)Magnetic tape   C)Magnetic disc   D)Optical disc

(15) What is five main components of a computer system?
A)CPU, CD-ROM, Mouse, Keyboard, Sound card
B)Memory, Video card, Monitor, Software, Hardware
C)Modem, Keyboard, Word Processor, Printer, Screen
D)CPU, Memory, System bus, Input, Output

(16) Which of the following numbers is a binary number?
A)1 and 2   B)0 and 0.1   C)2 and 0   D)0 and 1