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Total No. of Pages : 02

Total No. of Questions : 08

BCA/ B.Sc. (IT) / DEP/DCA (Sem.-1)

INFORMATION TECHNOLOGY

Subject Code : BSBC-104/ BSIT - 104

M.Code : 10046

Date of Examination : 07-07-21

Time : 2 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE question(s), each question carries 12 marks.

1. Explain the various well-known early computers, which are considered to be predecessors of modern computers. Discuss the key characteristics of the computers of each generation.
2. Perform the binary arithmetic using 2's complement:
 - 1) $01000110 + 00011011$
 - 2) $10111001 + 10011001$
 - 3) $00001010 - 00110011$
 - 4) $1000011 - 00110101$
3. Explain with the help of diagrams, explain how RAM, ROM, and CPU interact with each other? Also, explain the importance of the system bus and main memory in the proper functioning of the processor.
4. Discuss the use of computer languages in the development of software. What are the advantages of high-level languages?
5. What is an operating system? Explain characteristics features of batch, multi-programming and distributed operating systems.
6. What are the various editing features of WORD? Explain with an example how TABLE is created in WORD? What are the various operations possible on WORD?
7. Make a dynamic presentation for your seminar in PowerPoint. Give all the steps to be followed for making an electrifying presentations using multimedia effects.
8. Explain the different methods of securing the computer from various threats. Define WORM and VIRUS. What is the difference between them?

Note: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.

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