



DOON UNIVERSITY, DEHRADUN
Mid Semester Examination, First Semester, 2014
School of Technology

MCA
Course: STM-503: Computer Fundamental

Time Allowed: 2Hours

Maximum Marks: 30

Note: Attempt Questions from All the Sections. Marks distribution is given alongside.

SECTION: A

Short Answer Type Questions to be answered in about 100 words. Attempt Any 6 Questions.
(Marks: 6*1=6)

- 1: Differentiate among Firmware, Freeware, Shareware and Trialware.
- 2: What is the full form of the given Acronyms: WYSIWYG, GIGO, EEPROM & Bit?
- 3: What are the reasons for using ROM in a PC ?
- 4: What is a Machine Language?
- 5: What are Multimedia and Internet Keyboard?
- 6: List all types of Scanners.
- 7: What is an Output Device?

SECTION: B

Short Answer Type Questions to be answered in about 250 words. Attempt Any 4 Questions.
(Marks: 3*4=12)

- 8: What are the major input devices for a computer?
- 9: What are the advantages and disadvantages of High Level Languages?
- 10: Differentiate between Compiler and Interpreter.
- 11: What do you understand by a DBMS? List some Database Softwares.
- 10: What is Cloud Computing?

SECTION: C

Long Answer Type Questions to be answered in about 750 words. Attempt Any 3 Question.
(Marks: 4*3=12)

- 12: Discuss about the evolution of Programming Languages.
- 13: What are application softwares ? Discuss about Word Processing and Presentation Softwares.
- 14: What is the working principle of a CRT Monitor? Discuss with diagram.
- 15: What is an OS? What are the functionalities of an Operating System?