Roll No. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚   **Total No. of Pages : 02**

Total No. of Questions : 07

B.Sc.(CS) (2013 & Onwards)   (Sem.–1)
FUNDAMENTALS OF INFORMATION TECHNOLOGY
Subject Code : BCS-105
Paper ID : [A2185]

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTION TO CANDIDATES :
 1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
 2. **SECTION-B contains SIX questions carrying TEN marks each and a student has to attempt any FOUR questions.**

SECTION-A

1.   **Answer briefly :**

   a) How do you classify computers on the basis of capacity?

   b) Define the terms: Bit, Byte and Word.

   c) What is Cache memory? What is its use?

   d) Differentiate between Interpreter and compiler.

   e) What is open source software? What are its characteristics?

   f) What are the types of Windows?

   g) Differentiate between a function and a formula in Excel?

   h) What is the use of Headers and Footers in a Word document?

   i) Differentiate between LAN and WAN.

   j) What is a Virus? What are the threats posed by viruses?

SECTION-B

2. Explain the steps in the process of problem solving with computers.

3. What are the various input and output devices used in computers? Discuss any two input and two output devices in detail.

4. What are computer languages? Explain various types of computer languages.

5. Explain in detail the various types of operating systems.

6. What is Internet? Explain the applications of Internet in detail.

7. What are the various threats to computers? Discuss the security management tools.