Bachelor of Computer Applications / DCA   (Sem. – 1)
INFORMATION TECHNOLOGY
Subject Code: BSBC-104/BSIT-104

M Code: 10046

Date of Examination : 17-01-23

Time: 3 Hrs.   Max. Marks: 60

INSTRUCTIONS 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 students have to attempt any FOUR questions.

SECTION-A

1. Write briefly:

   a) Define cache memory.

   b) Find the decimal equivalent of $(124)_8$.

   c) Define OCR and OMR.

   d) List various merits and demerits of the time-sharing operating system.

   e) What is the significance of windows explorer?

   f) What are presentation graphics softwares?

   g) Define mail merge. What is its purpose?

   h) Define WWW. Write its significance.

   i) What is the use of a firewall?

   j) Write the significance of macros.

SECTION-B

2. What is a computer? How a computer can be used for problem-solving?Explain various generations of computers.

3. Explain various input and output devices used in a computer system.

4. Define windows. What are the various features of window operating system?Write and explain the anatomy of windows.

5. Write notes on the following:

   a) Applications of internet

   b) Features of word processing software

6. Differentiate the following:

   a) Online and real-time operating system

   b) Network and distributed operating system

7. What is network topology? Write and explain the merits and demerits of various network topologies.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.