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

Total No. of Questions : 09

BMCI (2014 & Onwards)   (Sem.–1)
INFORMATION TECHNOLOGY
Subject Code : BMCI-103
M.Code : 72200

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 FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1. **Answer briefly :**

    a) Define Light Pen.

    b) What is an interpreter?

    c) What is network operating system?

    d) Discuss briefly about spell checker.

    e) What is meant by cell reference?

    f) Differentiate Intranet and Internet.

    g) Comment on FTP.

    h) What are worms?

    i) Describe the working model of Gopher briefly.

    j) How Proxy server differs from firewall?

SECTION-B

2. Discuss the working mechanism of Drum Printer.

3. Differentiate between Machine language and High level language.

4. Explain different steps for Mail Merge.

5. What are sorting and filtering functions available in spreadsheet? Explain.

6. What is meant by virus detection? What are various virus-prevention and cure utilities?

SECTION-C

7. Explain the following :

   a) Touch Screen

   b) Binary Addition

8. a) Explain various data types available in Microsoft Excel.

   b) What is TELNET? Explain.

9. Discuss the following :

   a) Block Structure of Computer

   b) Generations of Computers

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