BCA (2014 to 2018) / B.Sc. (IT) (2015 to 2018)     (Sem.–1)

# INFORMATION TECHNOLOGY

## Subject Code : BSIT/BSBC-104
## M.Code : 10046

**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

**Answer briefly :**

1. List various features of super computer.

2. Differentiate CRT and LCD.

3. Define Bubble Memory.

4. Solve: $(0.52)_8 = (?)_{10}$.

5. What are the functions of OCR and OMR?

6. What is control panel?

7. Write the use of equation editors.

8. What is use of TELNET?

9. Differentiate workbook and worksheet.

10. Define WAIS.

**SECTION-B**

11. Define Computer. Explain how computers are classified on the basis of capacity purpose and generations?

12. What is machine language? How it is different from assembly and high level language? Write various merits and demerits of machine language.

13. Define Operating System. What are its functions? Discuss different types of operating systems.

14. Write short notes on :

    a) Anatomy of Windows

    b) Charts and Graphs used in Spreadsheets

15. Define Internet. How it is different from intranet and extranet? Discuss the role of E-mail and FTP.

16. Write notes on :

    a) Types of computer network

    b) Need of security management tools

**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**.