

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 07

**BCA (2011 & Onwards) / B.Sc (IT) (2015 & Onward)**  
**(Sem.-1)**

**INFORMATION TECHNOLOGY**

Subject Code : BSIT/BSBC-104

Paper ID : [B1111]

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. Write briefly :**

- a) What is cache memory?
- b) Define operating system.
- c) List out various features of MS-Word.
- d) What is machine language?
- e) What do you mean by WWW?
- f) Difference between LAN and WAN.
- g) What is a firewall?
- h) What is hardware and software? Give example.
- i) How sorting is done in excel?
- j) What is the use of proxy server?

**SECTION-B**

2. Define Computer. Explain the block diagram of computer.
3. Define Memory. Explain the various types of memory.
4. What is an operating system? Explain the different types of operating system.
5. Write short notes on :
  - a) Spell-checking.
  - b) Charts & Graphs.
6. What are input and output devices? Explain with example.
7. Define Network. Explain different types of topologies used for developing computer network.