

**BCA**

Information Technology

Subject Code BSBC-104

Paper ID- B1111

Time 3 hrs

Max Marks 60

**Note : Attempt four question from section B. Section A is compulsory****Section A**

10x2=20

1. What is an email
2. What is the major differences between primary and secondary memory.
3. What is a firewall
4. Explain the difference between source code and object code?
5. What is the meaning of a Bit, byte, KB, MB & GB
6. How LAN is different from WAN
7. What is an internet
8. How two files are merged in WORD
9. What is a high level language
10. What is a time sharing system.

**Section B**

4x10=40

1. What are the various generations of computer. Explain the technology used in each generation
2. A. What are the latest specifications of computer which can be used as node in a network. Explain
- b. What are the various input devices of computers. Explain the working principle of each of them
- 3a. How multiplication and division are performed on binary numbers. Explain with example
- b. What are the various types of memories. Explain the usage of each of them
- 4a What is the role of compiler, interpreter, linker and loader in the execution of a program.
- b. How spelling checking is done in WORD. Explain with an example
- 5a. How filtering of data is done in EXCEL. Explain with an example
- b. How TABLE is created in WORD. What are the various operations possible on TABLE
6. What is a network. What are the various network topologies. What are the various applications of internet