

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**

M Code: 10046

Subject Code: BSIT/BSBC-104

Paper ID: [B1111]

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. a) Define bit, byte and nibble.  
b) What is flowchart? List various symbol used in flowchart.  
c) What is OMR? What are its advantages?  
d) Define system software. List any three system software.  
e) Define macro.  
f) What is sorting and filtering in spreadsheet? Explain with example.  
g) What are various features of computers?  
h) Explain the difference between workbook and worksheet.  
i) What is role of equation editor in word processing?  
j) What is need of presentation graphic software?

## SECTION B

2. Define Computer. Explain how computers can be classified on the basis of capacity, purpose and generation.
3. Write notes on the following:
  - a) Bubble Memory
  - b) Types of Printers.
4. What are various storage devices? Explain each with their relative merits and demerits.
5. What is an operating system? Explain characteristics features of Batch, multi-programming and distributed operating systems.
6. What is E-mail? Discuss various operations that can be performed on an Email.
7. Explain the following:
  - a) Proxy Servers
  - b) Gopher