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BCACAC 107

**Credit Based First Semester B.C.A. Degree
Examination, November/December 2015
(Common to All Batches)**

FUNDAMENTALS OF INFORMATION TECHNOLOGY

Time : 3 Hours

Max. Marks : 80

Note : Answer any ten questions from Part – A and any one full question from each Unit in Part – B.

PART – A

1. a) How computers are important in communication ? (10×2=20)
- b) What are the characteristics of fourth generation computers ?
- c) Differentiate impact and non-impact printers.
- d) What is secondary storage device ? Name two types.
- e) What is the speciality of USB device ?
- f) Define flowchart and an algorithm.
- g) What is operating system ? Give two examples.
- h) What is an applications software ? Give two examples.
- i) Define Web Server and WWW.
- j) Differentiate worksheet and workbook.
- k) Define DBMS.
- l) Write any two applications of presentation software.

P.T.O.



PART – B

UNIT – I

2. a) Explain any five characteristics of computers in detail.
b) Write a note on evolution of computers.
c) Write applications of computers in education and banking field. (5+7+3)
3. a) Write a note on system bus.
b) Explain various types of ROM.
c) Write a note on :
i) Super computer ii) Laptop computer (5+5+5)

UNIT – II

4. a) Explain the working of mouse.
b) Write a note on magnetic tape.
c) What are the differences between LCD and CRT ? (5+5+5)
5. a) Explain hard disk and compact disk.
b) Write a note on Barcode reader and joystick.
c) How does laser printer work ? Explain. (6+4+5)

UNIT – III

6. a) Explain any five symbols used in a flowchart.
b) List and explain any two types of system software.
c) Explain different types of language translators. (5+5+5)
7. a) Explain the Program Development Life Cycle with diagram.
b) Explain the basic internet terms. (10+5)

UNIT – IV

8. a) With the help of a neat diagram explain various components in the user interface of MS Office Word 2003.
b) Explain the components of Power Point Window. (10+5)
9. a) Explain any five library functions of MS-Excel.
b) Explain any two methods of creating tables in MS-Word 2003.
c) What is a query in MS Access ? How can query be created using query wizard ? Explain. (5+4+6)