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BCMCAV 104

Credit Based First Semester B.Com. Degree Examination, Oct./Nov. 2017

COMPUTER APPLICATION

**Paper – I : Fundamentals of Computers and Office Automation
(Common to all Batches)**

Time : 3 Hours

Max. Marks : 80

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

PART – A

1. a) Name the basic component of second and third generation computers. (10×2=20)
- b) Convert $(110010011)_2$ to Octal and Hexadecimal.
- c) Define bit and byte.
- d) Name any four input devices.
- e) List types of printers.
- f) Define algorithm.
- g) List any two uses of flowcharts.
- h) Define software.
- i) What is public domain software ?
- j) What is database ?
- k) What is telnet ?
- l) List any four formatting features of word processor.

PART – B

Unit – I

2. a) Write a note on first generation computers.
- b) Explain registers in CPU.
- c) Write a note on super computers.

(5+5+5)

P.T.O.



3. a) Explain analog, digital and hybrid computers.
b) What is system bus ? Explain the various units of it.
c) Explain EPROM and EEPROM. (5+5+5)

Unit – II

4. a) Explain the storage organization in Magnetic tape.
b) Write and explain the working of Mouse.
c) Explain the working of CRT monitors. (5+5+5)
5. a) Explain ink-jet printer.
b) Write a short notes on :
i) Memory Stick ii) USB.
c) Write a note on LCD monitors. (5+5+5)

Unit – III

6. a) Write an algorithm to find largest of three numbers.
b) Explain any five features of a good programming language.
c) Write a note on compiler and interpreter. (5+5+5)
7. a) Write a note on machine language.
b) Explain with example sequence and selection constructs of flow chart.
c) Write a note on 3GL. (5+5+5)

Unit – IV

8. a) Define the following internet terms :
i) WWW ii) URL iii) Web page.
b) Explain two types of internet connections.
c) Explain any five features of word processor. (6+4+5)
9. a) Explain modem.
b) Write a note on database management system.
c) Explain presentation software. (5+5+5)