

(4)

- (ii) multitasking
- (iii) Multiprocessing
- (iv) Multitreading
- (v) Time Sharing

A

(Printed Pages 4)

Roll. No. _____

MS-3205

Bachelor of Management Science (II-
Semester) Examination, 2015

Fundamentals of Computer Science
(BMS-203)

Time Allowed : Three Hours] [Maximum Marks : 70

Note : Attempt five questions in all. Question No.1 is compulsory and carries 30 marks. Attempt four more questions carrying 10 marks each selecting one question from each of the four units.

1. Explain the following in brief: $3 \times 10 = 30$
 - (a) DOS-Structure
 - (b) Types of data Communication
 - (c) Differentiate between hardware and software.
 - (d) Mainframe Computers

(2)

- (e) Compiler
- (f) GIGO
- (g) Differentiate between RAM and ROM
- (h) Applications of text processor
- (i) Magnetic-Ink Character Recognition
- (j) DOT-Matrix printers.

Unit-I

2. Write the logical steps taken by a Computer System along with the roles of its main units in each step while transforming input data to useful information for presentation to a users. Explain their functions also. 10
3. What is generation in Computer terminology? List key characteristics of computers as well as first and second generation of Computers. 10

Unit-II

4. Convert the following:- $2 \times 5 = 10$
- (a) $(110110)_2 = ()_{10}$
- (b) $(2A3B)_{16} = ()_{10}$

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(3)

- (c) $(2AC)_{16} = ()_2$
- (d) $(435)_{10} = ()_2$
- (e) Sum of 100111 with 11011

5. What is the Word Processing Package? Write key features supported by modern Word Processing Package. Differentiate between cut-and-paste and copy-and-paste facilities of Word Processing Package. 10

Unit-III

6. Explain the term main memory with the help of its organisation. Also define the types of memory chips. 10
7. Draw the broad classification diagram of popular secondary storage devices. used in todays computer system. Explain any 3 of them. 10

Unit-IV

8. What are batch files? Give atleast five batch files commands and their usage. 10
9. Differentiate among the following terms: $2 \times 5 = 10$
- (i) Multiprogramming

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