2018

M B A

1st Semester Examination

COMPUTER APPLICATIONS IN BUSINESS (THEORY)

PAPER—MBA 108

Full Marks : 50

Time : 1½ Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

(*First Half*)

1. Answer any *four* questions :   4×5

   (a) Discuss the first and fifth generation of computer.

   (b) Differentiate between 1's complement and 2's complement. Give example.

   (c) List different types of computer available and state its features.

   (d) Define : instruction, Program and Software. Also, write the difference between compiler ad interpreter.

   (e) What is an Operating System ? State some of its functions.

(f) What do you mean by data and information ? State some applications of computer at managerial level.

2. Answer any *two* questions :   2×10

(a) Draw a block diagram of a basic computer system. Briefly explain its components.

(b) Perform the following operations :

   (i) $(127)_{10} \longrightarrow (?)_2$

   (ii) $(43)_{10} - (26)_{10}$ using 2's complement

   (iii) $(1000110101)_2 \longrightarrow (?)_8 \longrightarrow (?)_{16}$

   (iv) $(1101101)_2 * (1010)_2$

   (v) $(1010101101)_2 \longrightarrow (?)_{10}$

(c) Write shot notes on :

   (i)   Intranet and Internet

   (ii) Windows Operating System

   (iii) Information System

   (iv) Boolean Algebra

   (v)   Electronic device.

[*Internal Assessment* : 10 *Marks*]

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