

[MPIBA 0106]
IMBA DEGREE EXAMINATION
I TRIMESTER

FUNDAMENTALS OF INFORMATION TECHNOLOGY

(Effective from the admitted batch 2008–09)

Time: 3 Hours

Max.Marks: 60

Instructions: All parts of the unit must be answered in one place only.
Figures in the right hand margin indicate marks allotted.

SECTION-A

1. Answer any **FIVE** of the following
Each answer should not exceed one page. (5 x 3 = 15)
- a) List and explain components of Digital computer?
 - b) Explain Application Software and System Software?
 - c) Explain the type of Networks?
 - d) Draw the Basic Communication System?
 - e) ROM & RAM?
 - f) What is Transaction processing?
 - g) Explain Information systems?
 - h) Explain domain Name service?

SECTION-B

Answer the following

UNIT-I

2. a) Explain the characteristics of a computer and classification of computers? 9

OR

- b) Explain Data Representation and convert $(8654)_{10}$ to Henadecimal? 9

UNIT-II

3. a) Explain about Windows Operating System? 9

OR

- b) Briefly explain different types of operating systems. 9

UNIT-III

4. a) Explain Communication Systems? 9

OR

- b) Explain Transmission Media. 9

UNIT-IV

5. a) Explain Fiber Optic cable. 9

OR

- b) What are the different types of Network Topologies?
Briefly explain? 9

UNIT-V

6. a) Explain the types of Information Systems. 9

OR

- b) Explain IT in Business. 9

[41/IT/308]