[MPIBA 0106]
IMBA DEGREE EXAMINATION
I TRIMESTER
FUNDAMENTALS OF INFORMATION TECHNOLOGY
(Effective from the admitted batch 2008–09)

Time: 3 Hours                                                           Max.Marks: 60
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Instructions: All parts of the unit must be answered in one place only.  
Figures in the right hand margin indicate marks allotted.
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SECTION-A

1. Answer any FIVE of the following  
   Each answer should not exceed one page.  \(5 \times 3 = 15\)
   
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 Represnetation 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.

UNIT-III
4. a) Explain Communication Systems?

OR
b) Explain Transmission Media.

UNIT-IV
5. a) Explain Fiber Optic cable.

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

UNIT-V
6. a) Explain the types of Information Systems.

OR
b) Explain IT in Business.