

END TERM EXAMINATION

FIRST SEMESTER [MBA(FM)] DECEMBER 2015

Paper Code: MS109
MS(FM)109

Subject: IT Management

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions. Scientific calculator is not allowed.

- Q1 (a) Discuss the basic organization of a computer system, and explain the functions of various units of a computer system. (7)
(b) Why are ROM and RAM known as primary memory? Explain how cache memory improves the speed of the computer system. (8)
- Q2 (a) (i) Convert 547 decimal number into equivalent binary, hexadecimal and octal numbers. (6)
(ii) Perform 100011 - 10100 using 2's complement method. (3)
(b) Explain the functions of various logic gates? (6)
- Q3 (a) Describe the classifications of programming languages. (6)
(b) Explain how multiprogramming improves the resources utilization. (5)
(c) What is preemptive scheduling technique? (4)
- Q4 (a) Explain 1:1, 1:M, M:1 and M:M: relationships between two entities with examples. (6)
(b) Differentiate between the following:- (9)
(i) DBMS and File Processing System
(ii) Primary key and Foreign Key
(iii) Update and Alter commands
- Q5 (a) Explain the functions of each layer of OSI model. (9)
(b) Discuss the functions of hub, switch and router in building of networks. (6)
- Q6 (a) Discuss the functions of internet. What is an IP address? (9)
(b) Differentiate between physical topologies and logical topologies. (6)
- Q7 (a) What are the characteristics of TPS, MIS and DSS? (9)
(b) Differentiate among structured, semi structured and unstructured decisions. (6)
- Q8 Write notes on the following:- (3x5=15)
(a) Securing the information systems
(b) Applications of IT in marketing
(c) Creating table in HTML