MS–106

IT and Management Information System

Master of Business Administration

(MBA/DIM-16/17)

First Semester, Examination, 2017

Time : 3 Hours   **Max. Marks : 80**

Note : This paper is of **eighty (80)** marks containing **three (03)** Sections A, B and C. Attempt the questions contained in these Sections according to the detailed instructions given therein.

Section–A

(Long Answer Type Questions)

Note : Section 'A' contains four (04) long answer type questions of nineteen (19) marks each. Learners are required to answer *two* (02) questions only.

1. Explain with diagram the Evolutionary and Risk Based approaches of system development life-cycle in detail.

2. Explain in detail the Conceptual and Physical Structure of MIS. Elaborate Nolan Stage Model and Three Stage Model.

3. Explain the various Generations of Computers in detail with the Technology used in each generation along with their advantages.

4. Explain any *four* of the following types of computer system in detail :

(i)   Analog Computers

(ii) Digital Computers

(iii) Hybrid Computers

(iv) Micro Computers

(v)   Mini Computers

(vi) Mainframe Computers

(vii) Super Computers

Section–B

(Short Answer Type Questions)

Note : Section 'B' contains eight (08) short answer type questions of eight (8) marks each. Learners are required to answer *four* (04) questions only.

1. Elaborate the concept and working of Operating System with diagram. Enlist *four* examples of closed source and open source system each.

2. Discuss Microsoft PowerPoint and its usage with respect to business prospects.

3. Describe Microsoft Access. Explain its features.

4. Explain LAN, MAN and WAN and their range of connectivity.

5. How Information Security is of absolute importance in any organization ?

6. Explain various classification and components of Decision Support System.

7. Explain different types of input and output devices of computer system. Can a device be used as an input and output device simultaneously ?

8. What is computer hardware and software ? Enlist the differences between them.

Section–C

(Objective Type Questions)

Note : Section 'C' contains ten (10) objective type questions of one (01) mark each. All the questions of this Section are compulsory.

Fill in the blanks :

1. The decimal equivalent of $(10000100)_2$ is ....

2. The number 192.168.1.34 is .... address.

3. ROM stands for ....

4. All the operations of Computer are performed by ....

5. WWW stands for ....

Select the most appropriate answer option among the given options :

6. Which of the following is NOT a part of Microsoft Office ?

    (a) PowerPoint

    (b) Access

    (c) Notepad

    (d) Word

7. Which of the following is an example of Non-volatile memory ?

    (a) VLSI

    (b) ROM

    (c) RAM

    (d) LSI

8. Which of the following is the most powerful type of computer ?

    (a) Super-micro

    (b) Super-computer

    (c) Super conductor

    (d) Megaframe

9. Which of the following is NOT an operating system ?

    (a) Window NT

    (b) Java

    (c) DOS

    (d) Unix

10. One byte is equivalent to :

    (a) 32 bits

    (b) 8 bits

    (c) 12 bits

    (d) 4 bits