01871

MASTER OF ARTS (EDUCATION)/POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY (PGDET)

Term-End Examination

June, 2012

MES-033 : COMPUTER TECHNOLOGY

Time : 3 hours   *Maximum Weightage : 70%*

Note :   (i)   *All questions carry **equal** weightage.*
          (ii)   *Answer **all** questions.*

1.   Answer the following question in about *600* words :

      Define ' Algorithm '. Discuss the characteristics of Algorithm and describe control mechanisms and control structures with reference to Algorithm.

OR

      Discuss the advantages of using multimedia in Education. What criteria would you use to decide the suitability of Multimedia in a specific educational setting ?

2. Answer the following question in about **600** words :

What is Database Management System (DBMS) ? What are the advantages of using DBMS ? Illustrate with an example .

OR

Discuss how web - based learning has opened new possibilities for expanding access to education , allowing synchronous / asynchronous communication and encouraging self - learning.

3. Write notes on *any four* of the following in about **150** words each.

(a) System Software and Application Software.

(b) Web Browser

(c) Input and Output Devices.

(d) Computer Simulation

(e) Distributed Computing

(f) Telematics

(g) Learning Management System

(h) Operating System.

4. Answer the following question in about **600** words :

You are required to plan a website for a school. What information and services would you hire to place on the website ? How would you facilitate interaction between teachers and students through the website ?