

00251

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

**Term-End Examination**

**December, 2011**

**MES-033 : COMPUTER TECHNOLOGY**

*Time : 3 hours*

*Maximum Weightage : 70%*

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- Note :** (i) *All questions carry equal weightage.*  
(ii) *Answer all questions.*
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1. Answer the following question in about 600 words :

What is an Operating System ? Discuss the features of UNIX Operating System.

**OR**

Do you support the view that the Internet can 'teach' and therefore has pedagogic value ?  
Examine the role of Internet in

- (a) Increasing learner autonomy  
(b) Proving an interactive learning environment.

2. Answer the following question in about 600 words :

What is 'World Wide Web' (www) ? Discuss the use of worldwide web in education. How does www promote active learning ?

OR

What is 'Authorware'. How is it different from other authoring tools ? Discuss the various stages of authoring.

3. Write notes on *any four* of the following in about 150 words each.
- (a) Primary and Secondary storage devices.
  - (b) Numeric processing versus symbol processing.
  - (c) Internet Protocol
  - (d) Virtual Reality
  - (e) Mobile Computing
  - (f) Database Management System
  - (g) Artificial Intelligence
  - (h) Flowcharting

4. Answer the following question in about 600 words :

Suppose you are required to provide web-based academic support and guidance to your students. Discuss how you would use Email List, Discussion Forum, Online Chat, Blog etc., to achieve your goal.

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