

00589

**M.A. (Education)/POST GRADUATE DIPLOMA
IN EDUCATIONAL TECHNOLOGY (PGDET)**

Term-End Examination

June, 2010

MES-033 : COMPUTER TECHNOLOGY

Time : 3 hours

Maximum Weightage : 70%

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

What is an 'Operating system' ? Mention and explain the main features of 'UNIX' operating system.

OR

Define 'Telenatics'. Describe the features and uses of a few technologies for delivering instruction.

2. Answer the following question in about 600 words :

What is 'Computer Simulation' ? What are the major advantages of simulation ?

OR

Do you think use of computers would enhance 'autonomy' of learners? Present your arguments with examples of any two softwares you have used.

3. Answer *any four* of the following question in about 150 words each :

- (a) What is 'Authorware'? Mention the main features of Authorware.
- (b) What is 'Output device'? Explain three output devices.
- (c) What is 'wireless access'? Mention any two devices that use wireless access, mention their uses in education.
- (d) Explain the use of 'Discussion forum' as an educational device.
- (e) Explain the major characteristics of 'Algorithm'.
- (f) Explain the difference between 'Intranet' and 'Extranet'.

4. Write a programme using 'C' language to input a number (>1). Display all the factor of the number and whether it is prime or composite.

[A number is called a prime number if it has only two factors - 1 and the number itself. If a number has more than 2 factors it is a composite number.]
