

**CERTIFICATE IN ELEMENTARY
TEACHER EDUCATION (CETE)**

Term-End Examination

December, 2011

MESE-012 : TEACHING OF SCIENCE

Time : 3 hours

Maximum Weightage : 100%

Note : *All questions are compulsory.*

All questions carry equal weightage.

Answer question no. 1 and 2 each in about
600 words :

1. Explain the importance of laboratory work. Describe briefly the process of maintaining a science laboratory.

OR

Differentiate between project method and enquiry method. Explain the steps for carrying out a project.

2. Discuss briefly the classification of educational objectives of cognitive domain as given by Bloom.

OR

Differentiate between assessment and evaluation. Also, discuss the importance of assessment and evaluation in science.

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

- (a) Explain the method you will adopt to teach 'cell division'.
- (b) Allotropes of carbon
- (c) Formulate instructional objectives for teaching 'satellite and space Exploration'.
- (d) Explain the characteristics of scientific attitude.
- (e) Discuss with examples the use of diagnostic test and remedial measures in teaching and learning of science.
- (f) Describe 'carbon cycle'.

4. Describe the steps of test construction. Choose a topic of your choice and prepare a blue print for testing the topic of your choice.
