

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

**Term-End Examination**

**December, 2010**

**MESE-012 : TEACHING OF SCIENCE**

*Time : 3 hours*

*Maximum Weightage : 100%*

*Note : All questions are compulsory. All questions carry equal weightage.*

Attempt questions 1 and 2 in about 600 words each :

1. Explain Instructional objectives for Teaching Science at elementary level with suitable examples.

**OR**

How do you use Demonstration Method ? Discuss its advantages and disadvantages with appropriate examples.

2. Identify main teaching points and explain teaching - learning process that you will follow while teaching *any one* of the following topics at elementary level :

- (a) Force
- (b) Hydrocarbons

3. Write notes on *any four* of the following in about 150 words each :
- (a) Law of conservation of momentum.
  - (b) Balanced diet.
  - (c) Teaching of Cell Division.
  - (d) Teaching of Esters.
  - (e) Teaching of "Catenation Property of Carbon".
  - (f) Teaching of "Application of Laws of Motion".

4. Answer the following question in about 600 words :

What are the important aspects of use and management of Science Laboratory ? Draw a layout plan of science laboratory of your school and suggest improvement in its use and management.

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