

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

00028

**Term-End Examination  
June, 2010**

**MESE-012 : TEACHING OF SCIENCE**

*Time : 3 hours*

*Maximum Weightage : 100%*

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

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Attempt Question No. 1 and 2 in about 600 words each :

1. What do you understand by the concept of 'Process and Product' while describing Nature of Science ? Explain.

**OR**

What do you understand by the term Curriculum ? What are the principles of constructing Science curriculum at the Elementary level ?

2. Classify the abilities under cognitive, affective and psycho-motor domain as suggested under Bloom's Taxonomy of Educational objectives.

**OR**

Formulate instructional objectives for knowledge, understanding and application based learning of science at elementary level.

3. Answer *any four* of the following in about **150** words each :
- (a) Explain the importance of teaching science at the elementary level for developing scientific attitude in children.
  - (b) How does evaluation act as a connecting bridge between content and method ?
  - (c) Which method would be used by you for teaching the 'Universe and Space Exploration' as a topic in 5<sup>th</sup> Standard and why ?
  - (d) Write a short note on Problem Solving Approach in teaching of Science.
  - (e) What is the importance of laboratory work for teaching science ?
4. What is the importance of making a lesson plan for Science teaching ? Select any topic from Science curriculum at Elementary level and develop a lesson plan with elaboration of teaching points, objectives, method and evaluatory questions.
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