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

Term-End Examination

June, 2013

MESE-012 : TEACHING OF SCIENCE

Time : 3 hours

Maximum Weightage : 70%

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- Note : (i) All questions are compulsory.*
(ii) All questions carry equal weightage.
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Attempt question 1 and 2 in about **600 words** each.

1. State and explain the principles of construction of curriculum for the teaching of science.

OR

What do you understand by problem solving approach. Discuss its advantages and limitations in teaching of science.

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

(a) Allotropes of carbon

OR

(b) Galaxies and their origin

3. Write short notes on **any four** of the following in about **150** words each :
- (a) Science Education in India.
 - (b) Essential requirements for adopting laboratory method.
 - (c) Monitoring the Learner's Progress.
 - (d) Teaching of Hydrocarbons.
 - (e) Teaching of Types of Cell Division.
 - (f) Teaching of Food Adulteration.

4. Answer the following question in about **600** words :

Select a topic from elementary level science to construct a test and prepare a Blueprint. Construct three objective test items each for testing knowledge, understand and application abilities.
