

00681

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

Term-End Examination

June, 2012

MESE-012 : TEACHING OF SCIENCE

Time : 3 hours

Maximum Weightage : 70%

Note : All questions are compulsory.

All questions carry equal weightage.

Attempt question 1 and 2 in about **600 words** each :

1. Discuss the principles of science curriculum planning at elementary level.

OR

Explain the importance of demonstration method. Also, state with examples how you would use it in classroom.

2. Differentiate between Herbartian approach and Evaluation approach of lesson planning. Also, explain briefly the steps of Evaluation approach.

OR

What are the different ways of monitoring learner's progress in the classroom ? Also, explain how diagnostic testing helps in student's learning.

3. Answer *any four* of the following in about *150 words* each :
- (a) Explain 'Food Adulteration'.
 - (b) Describe the method for teaching 'Space exploration'.
 - (c) Advantages and disadvantages of project method.
 - (d) Frame two application based questions each from physics, chemistry and biology.
 - (e) Importance of laboratory work in science.
 - (f) Importance of 'conservation of resources'.
4. Choose a topic of your choice and explain how you would teach that topic to your students through child centered approach.
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