

00591

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

**Term-End Examination**

**June, 2012**

**MESE-013 : TEACHING OF MATHEMATICS**

*Time : 3 hours*

*Maximum Weightage : 70%*

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

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1. Answer the following question in about in 600 words:

Explain principles of formation/construction of curriculum of Mathematics at elementary level.

**OR**

What is meant by "Heuristic Method" ? Explain the use and process of Heuristic method.

2. Answer the following question in about 600 words.

What is meant by 'Unit planning' ? Select *any one* of the following topics and develop lesson plan highlighting main teaching points, previous knowledge, objectives, teaching - learning process & evaluation.

- (a) Exponents, Power and Root  
(b) Discount

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

- (a) Contribution of Indian Mathematicians
- (b) Language of mathematics
- (c) Play way technique of teaching Mathematics
- (d) Teaching of 'simple interest'
- (e) Teaching of "Mean and Mode"
- (f) Teaching of "Line segment & Angles'

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

Mention two aspects of Mathematics learning which can be evaluated by 'Rating scale'. Also develop 'Rating scale' for evaluating any one of them, mentioning the steps involved in developing the 'Rating scale'.

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