

BACHELOR OF EDUCATION

Term-End Examination

June, 2006

ES-341 : TEACHING OF SCIENCE

Time : 3 hours

Maximum Weightage : 70%

Note :

- (i) All the **four** questions are compulsory.
 - (ii) All the questions carry equal weightage.
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- 1.** Answer the following question in about 600 words.

Illustrate instructional objectives for Science teaching under cognitive, affective and psychomotor domains, with examples.

OR

What is meant by 'Project' ? Explain the use, advantages and disadvantages of 'Project method' for teaching of Science.

- 2.** Answer the following question in about 600 words.

Identify the main teaching points, formulate corresponding objectives and explain the teaching-learning process that you will follow while teaching **one** of the following topics at Secondary level :

- (i) Man and his relationship with Environment
- (ii) Periodic Classification

3. Write brief notes on any **five** of the following in about 120 words each :

- (i) Science Education in India
- (ii) Diagnostic Tests in Science
- (iii) Scientific Method
- (iv) Laboratory Method
- (v) Problem Solving Approach
- (vi) Teaching of Food Processing and Preservation
- (vii) Teaching of Deficiency Diseases
- (viii) Teaching of 'Allotropy' in Carbon compounds

4. Answer the following question in about 600 words.

Techniques of assessment in Science Practicals are different from those in Science Theory. Briefly discuss techniques of assessment of Science Practicals which you have utilised in your school and also construct a test-paper of Science Practicals at Secondary level in the light of assessment technique of Science Practicals mentioned by you.