

Exam.Code: 1101
Sub. Code: 8016

1126
B.Ed. (General) First Semester
Paper – C 6 & 7 [Opt. (xi)]: Pedagogy of Science – I
(Same for USOL candidates of First Semester)
(In all mediums)

Time allowed: 2 Hours

Max. Marks: 40

NOTE: Attempt four questions in all selecting one question from each Unit.

x-x-x

UNIT – I

- I. Discuss the nature and scope of science. How have our lives been affected by the use of Science and Technology. (5,5)
- II. What are the advantages of writing objectives in behavioural terms? Giving examples, discuss the steps, suggested by Mager in writing behavioural objectives. (3,7)

UNIT – II

- III. Giving two examples, explain when do you apply the inductive and deductive approach while teaching science to high classes? How do these two approaches differ? (5,5)
- IV. What do you understand by Heuristic method of teaching Science? Discuss its merits and demerits. What precautions should be taken by the teacher while employing Heuristic method in teaching of science? (3,4,3)

UNIT – III

- V. Discuss the steps involved in the construction objective type items. Prepare a blue print of question paper of Science of 7th Class. (6,4)
- VI. What do you understand by evaluation? Discuss with examples, the various steps involved in the process of evaluation. (3,7)

UNIT – IV

- VII. Draw and discuss in detail the 'Nitrogen Cycle'. (10)
- VIII. Explain Newton's Third Law of motion giving examples in detail. (10)

x-x-x

(Hindi and Punjabi versions enclosed)

P.T.O.