

PC-21129/N

K-13/2113

TEACHING OF SCIENCE-1104 & 1105T

Opt. (vi)

(Semester-I)

Time : 1½ Hours]

[Maximum Marks : 35

Note : Attempt *one* question each from Sections A and B carrying 12 marks each and the entire Section C short answer type questions is compulsory carrying 11 marks.

SECTION – A

- I. "Value inculcation is one of the important aims of science." In the light of the above statement, discuss the chief values that may be developed through science. (12)
- II. Describe the principles of curriculum construction. What is the difference between disciplinary and inter-disciplinary approach of curriculum? (7+5)

SECTION – B

- III. Critically analyse the Science text book for secondary classes prescribed by State Board/NCERT. Give concrete suggestions for improving it. (8+4)

- IV. Draw and explain in detail Edgar Dale's cone of learning experiences. What are its advantages? (9+3)

SECTION - C

(Compulsory Question)

- V. Write short notes on the following :
- (a) Guidelines for conducting pedagogical analysis. (2)
 - (b) Relationship of science and society. (1)
 - (c) Qualities of a good science text book. (2)
 - (d) Affective domain of Bloom's Taxonomy. (2)
 - (e) Advantages of integrating ICT in classrooms. (2)
 - (f) Classification of teaching aids. (2)

Simple