

**PC-12209/N**

**M-5/2115**

**TEACHING OF SCIENCE-1104 & 1105T**

**Opt. (vi)**

**(Semester-I)**

**Time : 1.5 Hours]**

**[Maximum Marks : 35**

**Note :** Attempt *one* question each from Sections A and B carrying 12 marks each and the entire Section C consisting of 5 short answer type questions carrying 2 marks each and one objective type question carrying 1 mark.

**SECTION-A**

- I. Why science is an integrated area of study? Explain in your own words the nature and significance of science in day to day life. (4+8)
- II. Define science curriculum. Write the various principles to develop science curriculum. (4+8)

**SECTION-B**

- III. Detail account on meaning of science textbooks in context with critical analysis of state board and NCERT science textbook. (4+8)

IV. What are learning experiences? Discuss Edgar Dale's Cone of learning experiences. (4+8)

**SECTION-C**  
**(Compulsory Question)**

V. Write short notes on the following :

1. How science make life luxurious?
2. Need of pedagogical analysis in science.
3. Importance of learner centered science curriculum.
4. List the qualities of good science textbook.
5. Importance of low cost science teaching aid.

(5×2=10)

6. What does the Greek word "Pedagogy" literally mean?

- (a) To understand the child.
- (b) To guide the child.
- (c) To educate the child.
- (d) To lead the child.

(1)