

PC-6099/N

J-10/2119

TEACHING OF SCIENCE

Paper-IV & V (vi)

(Semester-I)

Time : 1½ Hours]

[Maximum Marks : 35

Note : Attempt *one* question each from Sections A & B carrying 10 marks each and the entire Section C consisting of 5 short answer type questions carrying 3 marks each.

SECTION—A

- I. How has science contributed to the development of modern Indian society? Discuss. 10
- II. Describe in detail various approaches of science curriculum construction, explaining the merits and limitations of each approach. 10

SECTION—B

- III. Give a critical review of a science text-book by NCERT. What suggestions would you recommend for its improvement? 7+3

- IV. What do you understand by learning experiences? Classify them using different criteria. 3+7

SECTION—C

(Compulsory)

- V. Write short notes on the following :

1. Scope of science as a subject
2. Objectives of teaching science at elementary level
3. Meaning of learner centred curriculum
4. Importance of a science text-book
5. Draw and label Edgar Dale's cone of learning experiences. (5×3=15)