

2021

PEDAGOGY OF SCIENCE TEACHING— PHYSICAL SCIENCE

Course : 1.3.7B

Full Marks : 35

*Candidates are required to give their answers in their own words
as far as practicable.*

1. Select a subunit (day's lesson) from the unit 'light' from Physical Science syllabus of class IX and write down the following:

- (a) Write down the previous knowledge to that subunit.
- (b) Discuss about the instructional objectives for that subunit.
- (c) Write brief summary of concepts of that subunit.
- (d) Write down the uses of teaching aids for that subunit.
- (e) Prepare a blueprint for the CRT of 12 marks for that subunit.

4+5+3+3+5

Or,

Select a subunit (day's lesson) from the unit 'water' from Physical Science syllabus of class IX and write down the following:

- (a) Write down the previous knowledge to that subunit.
- (b) Discuss about the Instructional Objectives for that subunit.
- (c) Write brief summary of concepts of that subunit.
- (d) Write down the uses teaching aids of that subunit.
- (e) Prepare a blueprint for the CRT of 12 marks for that subunit.

4+5+3+3+5

Or,

Select a subunit (day's lesson) from the unit "change of state" from Physical Science syllabus of class IX and write down the following:

- (a) Write down the previous knowledge to that subunit.
- (b) Discuss about the Instructional Objectives for that subunit.
- (c) Write brief summary of concepts of that subunit.
- (d) Write down the uses teaching aids of that subunit.
- (e) Prepare a blueprint for the CRT of 12 marks for that subunit.

4+5+3+3+5

Please Turn Over

2. Explain a complete Microteaching cycle for teaching Physical Science.

Discuss the different stages of simulation for student–Teacher’s Training.

7+8

Or,

Mention the characteristics of a good learning design. Discuss the structure of a good learning design.

7+8

Or,

Write short notes on:

(a) Science Club

(b) Science Excursion.

8+7
