

**2021**

**PEDAGOGY OF SCIENCE TEACHING — PHYSICAL SCIENCE**

**Course : 1.3.7B**

**Full Marks : 35**

*The figures in the margin indicate full marks.*

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

1. Select a sub unit (day's lesson) from the unit 'heat' from Physical Science syllabus of class VIII and write down the following:
- (a) Write down the previous knowledge to that sub unit.
  - (b) Discuss about the instructional objectives for that sub unit.
  - (c) Write brief summary of concepts of that sub unit and possible teaching learning strategy.
  - (d) Write down the uses of teaching aids for that sub unit.
  - (e) Prepare a blueprint for that CRT for 12 marks for that sub unit. 4+4+(2+2)+2+6

*Or,*

Select a sub unit (day's lesson) from the unit 'light' from Physical Science syllabus of class VIII and write down the following:

- (a) Write down the previous knowledge to that sub unit.
- (b) Discuss about the instructional objectives for that sub unit.
- (c) Write brief summary of concepts of that sub unit and possible teaching learning strategy.
- (d) Write down the uses of teaching aids for that sub unit.
- (e) Prepare a blueprint for the CRT for 12 marks for that sub unit. 4+4+(2+2)+2+6

*Or,*

Select a sub unit (day's lesson) from the unit 'Air' from Physical Science syllabus of class VIII and write down the following:

- (a) Write down the previous knowledge to that sub unit.
- (b) Discuss about the instructional objectives for that sub unit.
- (c) Write brief summary of concepts of that sub unit and possible teaching learning strategy.
- (d) Write down the uses of teaching aids for that sub unit.
- (e) Prepare a blueprint for the CRT for 12 marks for that sub unit. 4+4+(2+2)+2+6

**Please Turn Over**

2. (a) Discuss about the concept and objectives of micro teaching.
- (b) Discuss about the different phases of micro teaching. 10+5
- Or,*
- (a) What is learning design? What are the objectives of learning design?
- (b) Discuss about the steps of learning design. 2+5+8
- Or,*
- (a) What is achievement test? Discuss about the objectives of achievement test.
- (b) Discuss about the tools and techniques of evaluation in Physical Science teaching at Secondary Level. 2+5+8
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