

BACHELOR OF EDUCATION (B.Ed.) EXAMINATION, 2025
DEPARTMENT OF EDUCATION
1st Year, 2nd Semester
Subject Code : BED/2.7a/SC
PEDAGOGY OF SCHOOL SUBJECT-I : TEACHING OF SCIENCE

Time : Two Hours

Full Marks : 50

Group – A

Answer any one (within 500 words)

1 × 12

1. What do you mean by process & Product approach of Science. Discuss briefly Relationship of Science with other subjects. 4 + 8
2. Construct a lesson plan from Physical Science at Secondary level. 12

Group – B

Answer any four (within 250 words)

4 × 7

1. Discuss the importance of science kits in teaching-learning of Physical science.
2. How do a teacher of science uses Community Resources.
3. Write in brief about 5E learning model.
4. Discuss the role of teachers and learners in constructing knowledge of Physical science.
5. Define curriculum framework. Discuss briefly Constructivist approach of teaching.
6. Critically evaluate the role of peer group conversation, discussion and argumentation in exploring learners and enriching teaching-learning process.
7. What is the importance of developing learning objectives and teaching learning process of Physical science.

Group – C

Answer any five (within 60 words)

5 × 2

1. State any four discoveries of Physical science.
2. What do you understand by the term 'Observation' in science.

3. Write the name of four Indian women scientists.
 4. What is unit Planning.
 5. Differentiate between Integrated Teaching & Ecological Teaching.
 6. Differentiate between Inductive & Deductive way of Teaching.
 7. State two features of 'Teaching of Science' as stated by NCERT-2006.
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