

Seat No.	
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B. Ed. (Part - I) (Semester-III)
Examination, November 2025
Pedagogy of School Subject
Science - Paper 6b II

Sub. Code : 77951

Day and Date : Monday, 10-11-2025

Total Marks : 35

Time : 10.30 a.m. to 12.00 p.m.

- Instructions : 1) All questions are compulsory.
 2) Figures to the right indicate full marks.

Q1) Choose the correct option and fill in the blanks.

[5]

- a) Diagnostic test is originated from ----- field.
- | | |
|----------------|----------------|
| i) Engineering | ii) Technology |
| iii) Medical | iv) Industrial |
- b) The name given to any concrete or abstract thing is called -----.
- | | |
|--------------|----------|
| i) Fact | ii) Term |
| iii) Concept | iv) Law |
- c) Ideal science laboratory design is prepared by -----.
- | | |
|--------------------|---------------|
| i) Dr. White House | ii) Watson |
| iii) Armstrong | iv) Kilpatric |
- d) From the following examples ----- is nonmetal.
- | | |
|-----------|---------------|
| i) Copper | ii) Sulphur |
| iii) Zinc | iv) Magnesium |

- 3) ——— came up with the concept of pedagogical knowledge (PCK).
- | | |
|--------------------|-----------------|
| i) Marsha Will | ii) Lee Shulman |
| iii) Jerome Bruner | iv) John Dewey |

[10]

Q2) Answer the following questions in 250 words (any two).

- Explain the various aspects of unit planning.
- Explain any five essential competencies of Science teacher.
- Explain the objectives of Science club.

[10]

Q3) What is the structure of subject? Explain the structure of science subject.

[10]

Q4) Explain the qualities of science teacher. How will you enhance your professional growth as a teacher?

OR

Define the text book. Explain the qualities of text book. Critically analyse science text book of any standard of secondary level.

(सराटी क्वाॅलर)

सूचना :

- सर्व प्रस्न सोडविणे आवश्यक आहे.
- उकतीकडील अंक प्रश्नाचे पूर्ण गुण दर्शवितात.
- सराटीतून उत्तर लिहू इच्छिणाऱ्या विद्यार्थ्यांनी मूळ इंग्रजी प्रश्नपत्रिका पाहणे इष्ट ठरेल.

Q5) लिकाण्या जागी योग्य पर्याय निवडून विधाने पुन्हा लिहा.

[5]

अ) नैदानिक चाचणीचा उगम ——— क्षेत्रातून झाला.

- | | |
|-----------------|----------------|
| i) अभियांत्रिकी | ii) तंत्रज्ञान |
| iii) वैद्यकीय | iv) औद्योगिक |

ब) मूर्त किंवा अमूर्त बाबीला दिलेले नाव म्हणजे ——— होय.

- | | |
|---------|------------|
| i) तथ्य | ii) संज्ञा |
|---------|------------|