

29/05/2024

(i) Printed Pages : 3

Roll No.

(ii) Questions : 9

Sub. Code :

4	5	0	7	5
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Exam. Code :

1	1	0	2
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B.Ed. (General) 2nd Semester

(2056)

PEDAGOGY OF SCIENCE

(Same for CDOE Candidates of 2nd Sem.)

Paper : P 2.1/2.2 Opt. (XX)

Time Allowed : Three Hours]

[Maximum Marks : 40

Note :— Attempt **five** questions in all, selecting **one** question from each of the units I-IV. Unit V is compulsory comprising of 4 short answer-type questions. All questions carry equal marks.

UNIT—I

- I. What kind of co-curricular activities in science would you like to organise in your school? Explain briefly about each one of them. 2+6
- II. Discuss the Herbartian steps of lesson planning. Prepare an outline of a macro lesson plan in science based on Herbartian Approach. 5+3

UNIT—II

- III. Enlist the procedures that are commonly used for the evaluation of textbooks. Discuss a comprehensive procedure for the same. 2+6
- IV. What is meant by improvised apparatus? What kind of science apparatus would you like your students to improvise? 2+6

UNIT—III

- V. What is the need for making a blueprint of a science question paper? Make a blueprint of a science question paper for class X based on CBSE/PSEB guidelines. 2+6
- VI. What should be the features of tools to be used for effective student evaluation of teachers? What precautions should be taken while doing teacher evaluation by the students? 3+5

UNIT—IV

- VII. Why is the ozone layer important for us? Discuss the causes and effects of ozone layer depletion. 2+3+3
- VIII. Discuss the development of the modern Periodic table. Explain the features of the modern periodic table. 4+4

UNIT—V

- IX. Write short notes on the following (Compulsory) : 2×4=8

- (1) Test-based lesson plan
- (2) Maintenance of apparatus in a science lab
- (3) Purpose of Diagnostic assessment
- (4) Meaning and examples of mechanical energy.