(b) Justify the importance of using teaching aids while teaching physical science. What teaching aid would you use while teaching the concept of lense? 4+3=7

5. (a) Elaborate the six major classes of objectives under cognitive domain. 6

(b) What are the major instructional objectives for science teaching? Explain the specifications (behavioural objectives) that indicates the development of interest (instructional objective) in science. 2+6=8

Or

6. (a) Outlie the importance of lesson planning. 7

(b) Elaborate the concept of pedagogis analysis and its significance. 7

7. (a) Differentiate between exothermic and endothermic reaction? 8

(b) How will you introduce this topic to your students in an interesting manner. 6

Or

8. (a) Elaborate Archimedes principle. 5

(b) Graphically represent the images formed by convex when ; 3x3=9

i) object placed beyond centre of curvature

ii) object is placed between C and F

iii) object is placed between focus & optical centre

9. Select any one topic of class X Chemistry and develop a lesson plan for 45 minutes. 14

Or

10. Select any one topic of class X Physics and develop a lesson plan for 45 minutes. 14

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UG (CBCS) Even Semester Examination, May 2025

EDUCATION
(B.Sc. B.Ed.)

4th Semester

Course No. : BSED - 403 (TOP-I)

(Teaching of Physical Science)

Full Marks : 70
Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

(*Answer all questions*)

1. (a) Elaborate the ‘processes’ of science and its significance. 7

(b) Write notes on ‘prnciples’ and ‘laws’ with examples. 7

Or

2. (a) How can you use science teaching for inculcating values and attitudes among learners. 7

(b) List the major curricular goals prescribed for secondary level by NCF-SE 2023. 7

3. (a) What are the major aspects that should be considered while selecting a specific teaching method? 7

(b) Elaborate Dalton Plan and highlight its merits and demerits. 7

Or

4. (a) Write a note on linear programming. 7

(Turn Over)