

B.Ed First Year
Examination- June 2018
PEDAGOGY OF PHYSICAL SCIENCE

Time: 3 hours

Marks : 80

NOTE: Attempt five questions in all, selecting one question from each of the four units. Q.1 is compulsory. All questions carry equal marks.

Q. 1. Write short notes on the following. 4×4=16

- I. History of physical science.
- II. Metals and Non-metals.
- III. Science Exhibition.
- IV. Use of Achievement Test.

UNIT - I

Q.2 Write meaning, nature and scope of Physical Science in school curriculum at secondary level. Also discuss it with reference to its branches.

Q.3 Describe Bloom's Taxonomy of instructional objectives with suitable examples.

UNIT - II

Q.4 What is pedagogical analysis? Give pedagogical analysis of content on 'Laws of Motion'.

Q.5 Draw the outline of lesson plan on any topic of your choice by secondary school stage class students. Topic should be from Physical Science and general in nature.

UNIT - III

Q.6 Discuss the meaning, principles and steps of curriculum construction in Physical Science.

Q.7 Discuss different types of Audio-Visual Aids that can be used effectively in teaching Physical Science.

UNIT - IV

Q.8 Taking any suitable topic of Physical Science explain how would you teach that topic using Lecture-cum-Demonstration method.

Q.9 State in detail the importance of continuous and comprehensive evaluation in Physical Science.