

- v) Why we should integrate *ICT* in teaching-learning of *Physical Science*?
- vi) What is '*Dale's cone of experience*'? Why trainee-teachers should know it?
- vii) Write the principles of curriculum construction. How we can implement it in class-room?
- C. Answer any **five** : 2×5=10
- i) Define Action-learning?
- ii) What are the different forms of ICT?
- iii) Write two sentences on 'Structured dialogue' from *Physical Science*?
- iv) Where we use 5E learning model?
- v) What do you mean by 'Naive Concept' in *Physical Science*?
- vi) Give few examples of Community resources helpful in teaching-learning process of *physical science*?
- vii) Write one example each of Observation, Facts and Concept?

## BACHELOR OF EDUCATION EXAMINATION, 2023

(1st Year, 2nd Semester)

PEDAGOGY OF SCHOOL SUBJECT – I

COURSE: B.ED.-2.7A

[ TEACHING OF SCIENCE - I ]

PHYSICAL SCIENCE

Time : Two hours

Full Marks : 50

*The figures in the margin indicate full marks.*

- A. Answer any **one** : 12×1=12
- i) What should be your role as a teacher of *physical science* to develop Problem Solving Skills among students?
- ii) How *science curriculum* act as an important instrument to reduce prejudice prevalent in society?
- B. Answer any **four** : 7×4=28
- i) Do you agree with the statement that "*Falsifiability* and *Paradigm Shift* play an important role in scientific theory formation?
- ii) Write the importance of *Green Chemistry* in society.
- iii) "*Physical Science* can be teach through *Value Education*" – Explain with proper example.
- iv) How NCF-2005 changed the school curriculum from *Information loaded* to *Construction of knowledge*?

[ Turn over

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