

# School of Education

Education  
ETE - Jun 2023

Time : 3 Hours

Marks : 100

## Sem II - F1UA208T - Professional Development of Physical Science Teacher

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Interpret the significance of lesson planning in physical science teaching. K2 CO1 (5)
2. Illustrate the concept of Team Teaching. K2 CO1 (5)
3. Describe the significance of the project method in Physical Science teaching, enumerating its characteristics. K2 CO2 (5)
4. Outline the characteristics of inductive-deductive method in Physical Science teaching, giving relevant examples. K4 CO1 (10)
5. Contrast between collaborative learning and cooperative learning, citing appropriate examples. K4 CO2 (10)
6. Classify the Herbartian approach of lesson planning into steps, describing each one. K2 CO1 (10)
- 7) Choose and discuss the audio-visual aids which you would prefer to use while teaching Physical Science, giving proper reasons. K3 CO2 (10)

**OR**

Establish the significance of organizing co-curricular activities in Physical Science teaching. Give relevant examples to support your answer. K3 CO2 (10)

- 8) Categorize the various attributes of life-long learners with reference to Physical Science. K5 CO4 (15)

**OR**

Integrate the effective use of ICT for life-long learning in Physical Science. K5 CO4 (15)

9. Propose the meaning and significance of evaluation of learners' progress in Physical Science. K5 CO3 (15)
10. Highlight the advantages of the co-curricular activities. Select any one co-curricular activity from a science excursion or field trip, listing its various benefits and presenting your plan to execute it. K3 CO3 (15)