Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore – 641 043.

Continuous Internal Assessment Test I - April 2021
SEMESTER II

Class : I B.Ed

Time: 2 Hrs.
Max. Marks: 30

18BEDP12 /18BDSP12 School Subject I: Methods and Techniques of Teaching Physical Science

Course Outcomes:

CO1: Apply the micro teaching skills in their teaching sessions
CO2: Practice the different methods and techniques of teaching
CO3: Select and plan the academic activities for an year , month and week
CO4: Compare and contrast the different approaches in lesson planning
CO5: Design different individualised instruction modules

PART – A **6 x 1 = 6**

Answer all questions
(Multiple choice questions)

1. Micro teaching concept was first developed by _____. CO1 K1

   a. Jean Piaget b. Dwight Allen
   c. Bruner d. B.K.Passi

2. Establishing rapport with the learners is the most important aspect in the skill of _____. CO1 K2

   a. reinforcement b. explanation
   c. introduction d. questioning

3. The idea of concept mapping is derived from whose theory? CO2 K1

   a. Novak b. Jean Piaget
   c. Ausubel d. Skinner

4. The duration for one micro cycle is ---------- minutes. CO1 K1

   a 16 b. 36
   c. 12 d. 30

5. The practice in which members are asked to write down as many ideas as they can generate during a specified amount of time is called: CO2 K2

   a. Brain storming b. Symposium
   c. Workshop d. Brain weaving

6. An example for teacher centred method is CO2 K2

   a. Project method c. Heuristic method
   b. Lecture demonstration method d. Inductive method

PART – B **2 x 6= 12**

Answer any two questions
(2 out of 4 Questions)
Answer should not exceed 400 words

7. Choose any one topic from Science and explain it by using the different components of skill of probing question. CO1 K3

8. Bring out the difference between Inductive and Deductive method (6 differences) CO2 K2

9. Explain the steps involved in concept mapping. Develop a concept map on any one topic from secondary level Physics / Chemistry Tamil Nadu state board textbook. CO2 K6

10.	How can you use buzz session for teaching science. Illustrate with an example.	CO2	K4

PART – C **1 x 12 = 12**

Answer any one question
(1 out of 2 Questions)
Answer should not exceed 800 words

11.	Explain the phases involved in micro teaching. Prepare a micro lesson and TBOS for Skill of reinforcement and Skill of stimulus variation.	CO1	K3
12.	What do you understand by Collaborative learning? How does collaborative learning differ from cooperative learning? List out the different ways to use Collaborative learning in Science.	CO2	K3