

**AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER
EDUCATION FOR WOMEN
Coimbatore – 641 043.**

**Continuous Internal Assessment Test II - June 2021
Semester II**

Class: I B.Ed./I B.Ed.Spl.Ed.

**Time :2 Hrs
Max. Marks : 30**

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

- 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 individualized instruction modules

**PART – A
Answer all questions
(Multiple choice questions)**

6 x 1 = 6

1. 'ALM ' stands for CO4,K1
 - a. Ability Learning Method
 - b. Application Learning Method
 - c. Active Learning Methodology
 - d. Activity Learning Methodology

2. Self-learning materials follow _____centered approaches. CO5,K2
 - a. learner
 - b. teacher
 - c. curriculum
 - d. activity

3. Which of the following pairs is incorrectly matched? CO5,K2
 - a. Crowder-Branched Programmed learning
 - b. Gilbert- Mathetics
 - c. Thorndike –Audio tutorial
 - d. Skinner – Linear Programmed Learning

4. The use of proctors is a specialty of CO5,K2
 - a. CAI
 - b. PSI
 - c. Branched Programmed learning
 - d. Mathetics

5. The technique of teaching which allows for shared ideas of two or more qualified instructors including enrichment and differentiation is called CO2,K2
 - a. Seminar
 - b. Symposium
 - c. Team teaching
 - d. Workshop

6. When a lesson plan is incorporated with videos, slides and other technological resources, it is called as _____ lesson plan. CO4,K1
 - a. Activity based
 - b. Digital
 - c. Instructional
 - d. Herbartian

PART – B

2 x 6= 12

Answer any two questions

(2 out of 4 Questions)

Answer should not exceed 400 words

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| 6 | Give any five differences between Seminar, Symposium and Workshop. | CO2,K2 |
| 7 | What do you understand by constructivism? | CO4,K1 |
| 8 | Explain the different modes of CAI. | CO5,K2 |
| 10 | Prepare a monthly plan for teaching Science in lesson for any one class of your choice. | CO3,K2 |

PART – C

1 x 12 = 12

Answer any one question

(1 out of 2 Questions)

Answer should not exceed 800 words

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| 11. | Prepare a lesson plan based on Herbartian steps for the following Science content from VIII standard Tamil Nadu state text book. | CO4,K4 |
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Can you lift a pot of water without holding it? Can you push this table without touching it? Generally, to apply force on an object, we need to come in contact with that object. A force that can cause or change the motion of an object by touching it is called Contact Force. In the above activities, the force is caused by the action of muscles. Hence this force is known as muscular force. Do you agree that muscular force is a contact force? Are there other types of contact forces? Come, let us find out. A ball rolling on the play ground gradually slows down and comes to rest. If the ground is made smooth, the distance covered by the ball would be more than that what was covered earlier. Why? In the above activities, the force is caused by the action of muscles. Hence this force is known as muscular force. Do you agree that muscular force is a contact force? Are there other types of contact forces? Come, let us find out. A ball rolling on the play ground gradually slows down and comes to rest. If the ground is made smooth, the distance covered by the ball would be more than that what was covered earlier. Why?

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| 12. | Prepare a Mathetics programmed material for any one Science concept. | CO5,K4 |
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