



Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University under Category A by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with A+ Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Bachelor of Education / B. Ed. Special Education (VI/II) Degree Examination – June / July 2021
II Semester

Class: I B.Ed. / I B.Ed. Special Education (VI)

Time : 3 hours
Max. Marks : 100

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

Course Outcomes:

- CO1: Apply micro teaching skills in their 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 **10 X 1 = 10**
Choose the Correct Answer

1. 'Gesture' is the sub component of C01 K1
 - a. skill of reinforcement
 - b. skill of stimulus variation
 - c. skill of explaining
 - d. skill of introducing lesson
2. Project method was proposed by C02 K1
 - a. Mahatma Gandhi
 - b. Frobel
 - c. W.H. Kilpatrick
 - d. Skinner
3. CAI is best suited for C05 K1
 - a. remedial teaching
 - b. slow learners
 - c. self paced instruction
 - d. all the above
4. Linear Programmed Instruction is invented by C05 K2
 - a. B.F.Skinner
 - b. Carl Rogers
 - c. Thorndike
 - d. Charles Darwin
5. Team teaching is originated in C03 K1
 - a. India
 - b. Australia
 - c. USA
 - d. none of the above
6. Which one of the following is Teacher Centred Approach? C02 K2
 - a. Lecture
 - b. Heuristic
 - c. Brain storming
 - d. All the above
7. Radio waves are discovered by C01 K1
 - a. Aryabhatta
 - b. Jagadish Chandra Bose
 - c. Kerkule
 - d. Galvani
8. " Outline of carefully selected subject matter because of its relationship to pupil's needs and interests" is defined as C04 K2
 - a. Year plan
 - b. Lesson plan
 - c. Weekly plan
 - d. Unit plan
9. ABL stands for C05 K1
 - a. Ability Based Learning
 - b. Active Based Learning
 - c. Activity based Learning
 - d. Authority Based Learning
10. In Micro Teaching the teacher trainee prepare a lesson for _____ minutes. C01 K1
 - a. 6 – 7
 - b. 5- 10
 - c. 2 – 5
 - d. 8 – 10

Part B **5X6 = 30**
Answer ALL questions
Each answer should not exceed 400 words or two pages

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| 11. a. Write the advantages of micro teaching.
(or) | C01 K3 |
| 11. b. Explain skill of Reinforcement. | C01 K2 |
| 12. a. What are the steps involved in project method?
(or) | C02 K3 |
| 12. b. Discuss the merits of Demonstration Method. | C02 K2 |
| 13. a. Explain collaborative learning in science.
(or) | C03 K2 |
| 13. b. Enumerate different types of supervised study. | C03 K1 |
| 14. a. Differentiate year plan and unit plan.
(or) | C04 K2 |
| 14. b. Write the advantages of lesson plan. | C04 K3 |
| 15. a. List out the principles of programmed learning.
(or) | C05 K1 |
| 15. b. Explain CAI. | C05 K3 |

Part C **5X12 = 60**
Answer ALL questions
Each answer should not exceed 800 words or four pages

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| 16. a. Explain Micro – Teaching Cycle.
(or) | C01 K3 |
| 16. b. Explain any two skills with micro lesson. | C01 K3 |
| 17. a. How does lecture method differ from lecture cum demonstration method?
(or) | C02 K2 |
| 17. b. Explain in detail about student centered method. | C02 K3 |
| 18. a. State the importance of Brain Storming in Education.
(or) | C03 K1 |
| 18. b. Compare Seminar and Symposium. | C03 K2 |
| 19. a. Prepare a lesson plan based on Herbartian approach.
(or) | C04 K4 |
| 19. b. Prepare a lesson plan based on ALM of your own topic. | C04 K4 |
| 20. a. What is individualized Instruction? Explain its characteristics and types.
(or) | C05 K3 |
| 20.b. Prepare a linear and branching programme with ten frames of your own choice. | C05 K4 |
