

Part B **5 x 6 = 30**
Answer ALL questions
Each answer should not exceed 400 words or two pages

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| 11. a. Define micro teaching. Explain the micro teaching cycle.
(or) | CO1 K1 |
| 11. b. Explain the skill of demonstration and its uses. | CO1 K3 |
| 12. a. How will you develop a year plan?
(or) | CO4 K5 |
| 12. b. Explain your views on writing general objectives in a lesson plan. | CO4 K6 |
| 13. a. Enumerate the characters of lecture cum demonstration method.
(or) | CO2 K1 |
| 13. b. Point out the advantages of project method. | CO2 K4 |
| 14. a. Summarize the merits and demerits of individual instruction.
(or) | CO5 K2 |
| 14. b. Write a short note on programmed learning. | CO5 K3 |
| 15. a. Bring out the steps followed in team teaching.
(or) | CO3 K1 |
| 15. b. Enlist the criteria for a good workshop in physical science. | CO3 K3 |

Part C **5 x 12 = 60**
Answer ALL questions
Each answer should not exceed 800 words or four pages

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| 16. a. Discuss the components of skill of Demonstration and skill of Reinforcement.
(or) | CO1 K2 |
| 16. b. Explain the importance and steps involved in micro teaching cycle. | CO1 K3 |
| 17. a. Examine how project method is important in teaching physical science.
(or) | CO2 K3 |
| 17. b. Describe the Heuristic method of teaching in science | CO2 K2 |
| 18. a. Discuss briefly the advantages and disadvantages of teacher centred method.
(or) | CO3 K2 |
| 18. b. Illustrate the collaborative learning for teaching physical science. | CO3 K6 |
| 19. a. Discuss the principles to be followed in selecting objectives for good lesson plan in physical science.
(or) | CO4 K2 |
| 19. b. Analyse about the preparation and uses of year plan. | CO4 K4 |
| 20. a. Evaluate the role of computer assisted instruction in teaching of physical science.
(or) | CO5 K5 |
| 20. b. Compare linear programme and branched programme with suitable examples. | CO5 K2 |
