Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. What do you mean by 'Maxims of Learning'?

2. What are the underlying principles of heuristic method?

3. Who proposed brain storming?

4. Mention two draw backs of Cooperative learning.

5. Mention two advantages of cross age Peer tutoring .

6. Mention any two merits of team teaching.

7. Write two advantages of Concept Mapping.

8. Define pedagogical competence.

9. What are content related pedagogy?

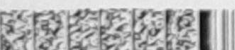10. Define culturally inclusive class room.
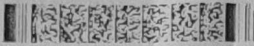
$(10 \times 1 = 10)$

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. What are the important guidelines for a good demonstration?

12. List out the underlying principles of project method.

13. What is the relevance of questioning in teaching?

14. Which are the different types of supervised study methods?

15. Mention the steps of writing a Reflective Journal.

16. What is the main purpose of classroom management?

(5×2 = 10)

Part C

Answer any *five* questions in about **one or two pages**
Each question carries *4 marks*.

17. Process approach plays vital role in science teaching. justify.

18. Analysis and synthesis are the real foundations of scientific method. Justify.

19. Explain simulation and drill work. How it helps in science teaching?

20. What is Brain Based learning? What are its principles?

21. Suggest diferentiated strategies to foster inclusiveness.

22. Explain the planning stage of the skill of questioning.

23. How we can make science fun in classroom?

(5×4 = 20)

Part D

Answer any **one** question in about **three or four pages**.
Each question carries **10** marks.

24. What is the relevance of methods of teaching in science teaching? Explain Problem solving as a method by citing suitable examples from Physics or Chemistry.

25. What is meant by microteaching? Prepare a lessonplan for the skill of set induction.

(1×10 = 10)