Turn Over



QP CODE: 24801887

Reg No : Name :

B.Ed DEGREE REGULAR/SUPPLEMENTARY /MERCY CHANCE EXAMINATIONS, MAY 2024

Second Semester

BACHELOR OF EDUCATION

PEDAGOGIC COURSE - EDU204.17 - PEDAGOGICAL DIMENSIONS OF PHYSICAL SCIENCE

2018 Admission Onwards

5AE9F0CB

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries **1** mark.

- 1. Mention any two types of intelligence suggested by Howard Gardner?
- 2. Define accommodation.
- 3. Write any two limitations of Herbartian approach.
- 4. What is meant by diagnostic test?
- 5. What is remedial instruction?
- 6. Give two examples for TCK.
- 7. Define techno pedagogue.
- 8. What is meant by ductility of a metal?
- 9. What is electromotive force?
- 10. State Ohm's Law.

 $(10 \times 1 = 10)$

Part B

Answer any **five** questions in about **half a page** Each question carries **2** marks.

- 11. Explain banking system of education.
- 12. Differentiate between unit plan and year plan.

- 13. What is the purpose of preparing marking scheme?
- 14. Explain the criteria for teacher evaluation.
- 15. Point out any four key elements of pedagogic content knowledge.
- 16. List any two extended activities for the unit 'metals' in standard eight.

Part C

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

- 17. Discuss the essential features of behaviourism.
- 18. Explain the role of the teacher in constructivist learning.
- 19. Discuss the merits and demerits of essay type test item.
- 20. Briefly explain the criteria for evaluating teaching competence.
- 21. ICT in education leads to equity. Comment.
- 22. Explain reducing and oxidising agents with suitable examples.
- 23. What learning activities will you provide to make your students understand that metals differ in their reactivity?

(5×4 = 20)

Part D

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

- 24. What is constructivism? Explain social constructivism and its educational implications.
- 25. Prepare a lesson for a period of 40 minutes on a topic of your own choice from Physical Science.

 $(1 \times 10 = 10)$

