B.Ed DEGREE REGULAR/REAPPEARANCE / MERCY CHANCE EXAMINATIONS, JANUARY 2023

First Semester

BACHELOR OF EDUCATION

PEDAGOGIC COURSE - EDU105.17 - LEARNING TO FUNCTION AS PHYSICAL SCIENCE TEACHER

2018 Admission Onwards

E0A8DD66

Time: 2 Hours

Max. Marks : 50

Part A

*Answer **all** questions*

*Each question carries **1** mark.*

1. From which word is the word 'Heuristic' derived.

2. What do you mean by 'The law of uniformity of nature?

3. What is the use of simulation in science teaching?

4. Mention two advantages of peer tutoring.

5. Name the psychological theory on which Concept Mapping is based.

6. What innovative strategy would you adopt to enhance consciousness among students?

7. What is Think -Pair -Share strategy?

8. Which knowledge includes understanding of how students learn?

9. Mention any two areas of assessing pedagogical competence.
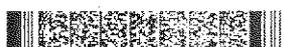
10. What do you mean by motivation?

(10×1 = 10)

Part B

*Answer any **five** questions in about **half a page***

*Each question carries **2** marks.*

11. What are the advantages of Learner centered approach?

12. What are the merits and demerits of problem solving method?

13. Which are the types of questioning?

14. Briefly explain any two rules of brain storming.

15. Mention any two principles of Team Teaching.

16. What do you mean by classroom management?

<div align="right">(5×2 = 10)</div>

Part C

*Answer any **five** questions in about **one or two pages***

*Each question carries **4 marks**.*

17. 'New knowledge to be given to pupils must be logically linked with their previous knowledge' Justify this statement with the relevant maxim of teaching.

18. A good lecture should have certain characteristics. What are the characteristics.

19. How does supervised study helps in individual study?

20. Differntiate between formal and informal Cooperative learning .

21. Enumerate on the benefits of Problem Based learning.

22. What is meant by microteaching? What are the phases of microteaching?

23. Describe content related skills.

<div align="right">(5×4 = 20)</div>

Part D

*Answer any **one** question in about **three or four pages**.*

*Each question carries **10** marks.*

24. Explain Brain Based learning and its impact in teaching Physical science.

25. What is meant by microteaching? Prepare a lessonplan for the skill of stimulus variation.

<div align="right">(1×10 = 10)</div>