B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION
DECEMBER 2018

First Semester

EDU 105.18—LEARNING TO FUNCTION AS NATURAL SCIENCE TEACHER
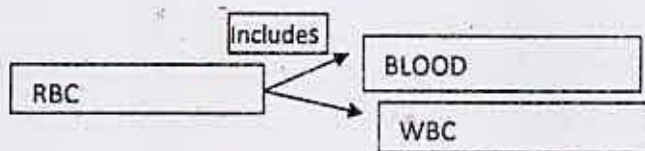
(Two Year Course—2018 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

Part A

Answer all questions in one or two sentences each.
Each question carries 1 mark.

1. Differentiate between product and process with examples.

2. Define Heuristic method.

3. What is meant by Symposium ?

4. What is meant by Biographical method ?

5. What is the role of teacher in peer tutoring ?

6. Differentiate BBL and PBL.

7. Correct and redraw the given simple concept map if you find any mistake in it

8. What is the use of Buzz session in classes or Natural Science.

9. What are the differences in the presentation of the concept 'Compound leaf' in inductive and deductive approaches ?

10. What is meant by pedagogy ?

(10 × 1 = 10 marks)

Part B

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

11. Write any four major criteria to evaluate the effectiveness of a teacher.

12. Mention the strategies for in........

13. What is meant by particular to general ?

14. How to conduct 'think pair and share' ?

15. Differentiate supervised study and peer teaching.

16. What is meant by learning disability ? How can you identify such students in your classroom ?

<div align="right">(5 × 2 = 10 marks)</div>

Part C

Answer any **five** *in about* **one page** *each.*
Each question carries 4 marks.

17. Prepare a brief note on different techniques and devises of teaching natural science ?

18. Differentiate brain based learning and project based learning.

19. Explain the difference between Brain storming and supervised study with suitable examples from Biology ?

20. What is the significance of developing pedagogic competencies for a Natural science teacher ?

21. Explain the difference between micro-teaching and link practice with suitable examples.

22. How to identify a slow learner ? How can we compensate his learning difficulty ?

23. Explain different motivational techniques ?

<div align="right">(5 × 4 = 20 marks)</div>

Part D

Answer any **one** *question in about* **four pages.**
The question carries 10 marks.

24. Explain the relevance training in teaching skills for a Natural Science Teacher.

25. Write a short notes on different approaches of teaching with suitable examples from Biology.

<div align="right">(1 × 10 = 10 marks)</div>