

B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION, NOVEMBER 2019**First Semester****EDU 105.18—LEARNING TO FUNCTION AS NATURAL SCIENCE TEACHER****(2018 Admissions—Regular/Supplementary)****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 Aural visual switching and Verbal focussing.
2. Define problem solving method.
3. What is meant by simulation?
4. What is meant by think pair and share?
5. Differentiate Verbal and Non-verbal focussing.
6. What is a buzz session? Suggest a suitable topic from biology for buzz session.
7. Mention any *two* learning techniques for children with Dysgraphia.
8. What is meant by concept map?
9. What is the use of reflective writing?
10. Define Pedagogy.

(10 × 1 = 10 marks)**Part B***Answer any five questions in about half-a-page each.**Each question carries 2 marks.*

11. What is meant Brain based learning?
12. Differentiate Enrichment programme and Double promotion.
13. Suggest any motivational techniques for students who lack interest in learning.
14. Differentiate differential teaching and team teaching.
15. Explain inquiry and discovery approaches of learning.
16. List any *four* components of the skill of explaining.

(5 × 2 = 10 marks)**Turn over**

Part C

Answer any five questions in about one page each.

Each question carries 4 marks.

17. What are the maxims of teaching applicable for Biology?
18. Differentiate Peer tutoring and Team teaching.
19. Explain the difference between Brain storming and Buzz session with suitable examples from Biology.
20. Prepare a concept map of Agriculture for the level of Higher Secondary School students.
21. What are the uses of Symposium for a Biology teacher?
22. What are the significances of Reflective Journaling?
23. Explain classroom management skills?

(5 × 4 = 20 marks)

Part D

Answer any one question in about four pages each.

The question carries 10 marks.

24. Prepare a theatre script based on the social problems related to use of pesticides in vegetables.
25. Explain the relevance of learner centred approach in Natural Science.

(1 × 10 = 10 marks)