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Reg. No.....

Name.....

**B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION  
DECEMBER 2016**

**First Semester**

**Pedagogic Course**

**EDU 105.18—LEARNING TO FUNCTION AS NATURAL SCIENCE TEACHER**

**(2015 Admission onwards (Two Year Course))**

**[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. List two merits of role play.
2. How a teacher can identify an under achiever ?
3. Write any two risks in preparing learning packages.
4. What is meant by think-pair and share ?
5. Write any two functions of "introducing a lesson".
6. What is panel discussion ?
7. Which method of teaching is considered as the method of "pragmatism" ?
8. Define differential teaching.
9. List any two ICT enabled skills.
10. Define maxima of teaching with an example.

**(10 × 1 = 10 marks)**

**Part B**

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

*Each question carries 2 marks.*

11. What is technique of teaching ? Give two examples.
12. How a teacher can deal with gifted students ?
13. Write any two merits and demerits of teacher centered methods.
14. Explain co-operative learning.

**Turn over**

15. Explain the importance of link practice.
16. Why Science is considered both as a product and process ?

(5 × 2 = 10 marks)

### Part C

*Answer any five questions in about one page each.*

*Each question carries 4 marks.*

17. Explain the importance of individual differences with suitable examples.
18. Distinguish between the factual and conceptual approach in teaching Science.
19. What is reflective writing ? How it can be fostered ?
20. Describe the meaning and significance of pedagogic competence.
21. Briefly explain the brain storming technique.
22. What is the relevance of learning packages in the modern educational practices ?
23. Why debate is considered as an important technique of teaching Science ? Explain with examples.

(5 × 4 = 20 marks)

### Part D

*Answer any one question in about four pages.*

*The question carries 10 marks.*

24. Explain the meaning and scope of brain based learning and concept mapping.
25. Explain the concept of microteaching with its merits and demerits.

(1 × 10 = 10 marks)