(Pages : 2)

Reg. No. 180011001030

Name Athira Meenn

B.Ed. DEGREE EXAMINATION, APRIL 2020

Fourth Semester

EDU 403.18—PROFESSIONAL DEVELOPMENT OF NATURAL SCIENCE TEACHER

(2018 Admissions—Regular)

Time : Two Hours

Maximum : 50 Marks

Part A

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

1. What is CPD ?

2. What is Teacher Accountability ?

3. Define Professional ethics.

4. What is Peer networking ?

5. Define Bioterrorism

6. What is teacher exchange program ?

7. What are GM crops ?

8. Mention any *two* ways of developing professionalism.

9. What is food adulteration ?

10. What are summer institutes ?

(10 × 1 = 10 marks)

Part B

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

11. Name any *four* teacher competencies.

12. Name any *four* values that can be developed through science fair.

13. Explain the role of SCERT in promoting teacher professionalism.

Turn over

14. Give the names of two Professional organizations of teachers in India.

15. What is 3 D bio printing ?

16. Mention two soft skills needed for a teacher.

(5 × 2 = 10 marks)

Part C

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

17. Explain the role of a science teacher in socialization process.

18. Mention any *four* teaching skills.

19. Science teaching helps to develop human values- comment.

20. Explain the significance of Reflective teaching.

21. Explain the role of UGC in improving professionalism among teachers.

22. How will you organize a science club in your school ?

23. Enumerate the duties and responsibilities of a science teacher in the emerging society.

(5 × 4 = 20 marks)

Part D

Answer any one question.
The question carries 10 marks.

24. Explain the new research trends in science with special reference to instructional strategies.

25. Explain the role of a teacher in teaching students with diverse learning needs and talents.

(1 × 10 = 10 marks)