

G 4241

(Pages : 2)

Reg. No.....

Name.....

B.Ed. DEGREE EXAMINATION, APRIL 2019

Fourth Semester

EDU 403.17—PROFESSIONAL DEVELOPMENT OF PHYSICAL SCIENCE TEACHER

(2015 Admission onwards)

[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. Give an instance in which science teacher serves the role of a social resource.
2. List any *two* curricular competencies of a teacher.
3. Which is the most important characteristics of a profession from your viewpoint ? Why ?
4. Give any *one* hindrance in implementing e-twinning in our local schools.
5. Why is reflection important for a teacher ?
6. List any *two* techniques that can be adopted in reflective teaching.
7. Give any *one* example for recent research in instructional strategies.
8. Give any *one* technique to teach talented learners.
9. Who is the patron of a Science club ?
10. What is the importance of fieldtrip ?

(10 × 1 = 10 marks)

Part B

Answer any five questions in about half a page each.

Each question carries 2 marks.

11. Should a teacher be a researcher ? Justify your argument.
12. What are the responsibilities of a science teacher ?
13. Why are ethics important for a teacher ?
14. What is the nature of seminar ? How will a teacher benefit from a seminar ?
15. Why are soft skills important for a teacher ?
16. What are the possible improvements a teacher gain by reflecting upon class management ?

(5 × 2 = 10 marks)

Part C

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

17. Explain the role of games in science learning. Illustrate with example.
18. What is Science Olympiad ?
19. Illustrate the social issues in Science Education with examples.
20. Suggest measures to teach students with diverse learning needs with cases as examples.
21. How can you effectively reflect upon your own instruction ?
22. What is the advantage of peer networking ? How is it possible using internet ?
23. What are the responsibilities of a teacher towards parents and society ?

(5 × 4 = 20 marks)

Part D

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

24. What is teacher accountability ? Compare the teacher accountability in government and private schools. How can you improve teacher accountability in Kerala context ?
25. Describe the role of any *ten* soft skills in teaching. How do you develop each of them ?

(1 × 10 = 10 marks)