

**G 1057**

(Pages : 2)

Reg. No.....

Name.....

**B.Ed. DEGREE EXAMINATION, APRIL 2018**

**Fourth Semester**

**EDU 403.18—PROFESSIONAL DEVELOPMENT OF NATURAL 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. Define food safety.
2. What are GM crops ?
3. Mention two soft skills indispensable for teachers.
4. Define 3D Bioprinting.
5. Mention the advantage of Peer Networking.
6. What is food poisoning ?
7. What you meant by Learning style ?
8. Write the significance of green genetic engineering.
9. Mention two activities of SCERT for the professional development of teachers.
10. List two advantages of conducting science fair.

(10 × 1 = 10 marks)

**Part B**

*Answer any five questions.  
Each question carries 2 marks.*

11. What you meant by Mis-use of technology ?
12. Define reflective teaching. What is the significance ?
13. Mention two features of personalized medicines.
14. Mention the impact of 3D Bio-print.
15. Write the mission of a Biology teacher.
16. How can you inculcate nationalistic values through science teaching. Give two situations.

(5 × 2 = 10 marks)

**Turn over**

**Part C**

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

17. Write a short note on Bio-terrorism.
18. How will you later the diverse learning suggest strategies ?
19. Conduct action research will help to empower teaching—Justify.
20. Identify the contribution of UGC for improving professionalism among teachers.
21. Sketch the contributions of two scientists that made remarkable social change.
22. Describe the role of Professional ethics in current scenario.
23. Explain the role of Personalized medicine in the treatment of diseases.

(5 × 4 = 20 marks)

**Part D**

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

24. Teaching, Extention and Research are the three aspects for the professional development. Critically examine this in the era of globalization.
25. Teachers equipped with soft skills have an edge over others in the current scenario. Justify your argument by explaining soft skills.

(1 × 10 = 10 marks)