

C 23706

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Name.....

Reg. No.....

SECOND SEMESTER B.Ed. DEGREE EXAMINATION, JUNE 2017

Education

EDU 10 ; 11—PROFESSIONALIZING NATURAL SCIENCE EDUCATION

(2015 Admissions)

Time : Two Hours

Maximum : 40 Marks

Part I

Answer all questions.

Each question carries 1 mark.

1. Define Blog.
2. What do you mean by Professional ethics?
3. Expand NTSE.
4. What is the purpose of virtual labs?
5. Mention any two educational uses of e-mail.
6. List any two critical thinking strategies.

(6 × 1 = 6 marks)

Part II

Answer all questions.

Each question carries 2 marks.

7. What is a Learning Management System ?
8. State the features of Computer Aided Teaching.
9. Which are the digital resources that can be used for a biology teacher ?
10. How will you identify a scientifically gifted student ?

(4 × 2 = 8 marks)

Part III

Answer any four questions.

Each question carries 4 marks.

11. Explain major soft skills needed for a teacher.
12. Briefly explain the role of SCERT in the professional growth of science teachers.

Turn over

13. Explain any one technology based individualized instruction technique.
14. Comment on the statement 'Teaching is a profession'.
15. What are the different ways by which digital resources can be used in a science class?
16. Define Techno Pedagogical Content Knowledge. Mention its scope.

(4 × 4 = 16 marks)

Part IV

Answer any one question.

The question carries 10 marks.

17. What is e-content? As a science teacher, how will you prepare e content for your students?
18. Explain the major competencies of a teacher as suggested by NCTE.

(1 × 10 = 10 marks)