

C 23707

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Name.....

Reg. No.....

**SECOND SEMESTER B.Ed. DEGREE EXAMINATION, JUNE 2017**

Education

EDU 10 : 12—PROFESSIONALISING PHYSICAL SCIENCE EDUCATION

(2015 Admissions)

Time : Two Hours

Maximum : 40 Marks

**Part 1**

*Answer all questions.*

*Each question carries 1 mark.*

1. Mention a National Program of Fellowship in Basic Sciences, initiated and funded by the Department of Science and Technology, Government of India.
2. Suggest a topic for science debate.
3. Expand MOOC.
4. Name *one* free software in science.
5. Mention *two* qualities of a science teacher.
6. List two places of scientific interest for study tour.

(6 × 1 = 6 marks)

**Part 2**

*Answer all questions.*

*Each question carries 2 marks.*

7. Write a short note on science Olympiad.
8. Mention the significance of the Chem Collective.
9. Define scientific literacy.
10. What is virtual reality ?

(4 × 2 = 8 marks)

**Part 3**

*Answer any four questions.*

*Each question carries 4 marks.*

11. Discuss the organisation of science club and highlight the role of science teacher in organisation.
12. Explain "Science Talent Search Programme".

Turn over

13. Enumerate the merits and demerits of social networking.
14. Explain the importance of Blog posting in science teaching and learning.
15. Explain the significance of copy right in the digital world.
16. Discuss the role of science teacher in eradicating superstitions in society.

(4 × 4 = 16 marks)

#### Part 4

*Answer any **one** question.  
The question carries 10 marks.*

17. Explain how a science teacher can make use of digital resources to promote research culture among students.
18. How you will organize a study tour for teaching any topic in Physical Science. What are the educational values of study tour ?

(1 × 10 = 10 marks)