

FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2021

B.Ed.

EDU 04—UNDERSTANDING DISCIPLINES AND SUBJECTS

(2017 Scheme)

Time : Two Hours

Maximum : 40 Marks

Part A*Answer all questions.**Each question carries 1 mark.*

1. What are the objectives of teaching science ?
2. Define disciplinarity.
3. Mention any *two* reason for establishment of new disciplines.
4. Define disaster management.
5. What is meant by scientific revolution ?
6. What is meant by interdisciplinary approach ?

(6 × 1 = 6 marks)

Part B*Answer all questions.**Each question carries 2 marks.*

7. How does science help in developing critical thinking ?
8. Explain the characteristics of scientific attitude.
9. Describe the history of English language.
10. What is the significance of Nanotechnology ?

(4 × 2 = 8 marks)

Part C*Answer any four questions in about a page each.**Each question carries 4 marks.*

11. Explain the reasons for including Social Science as a school subject.
12. Explain the concept of multi disciplinarity and its relevance in the present context.

Turn over

13. What is method of inquiry ? Explain the relevance of using discipline based inquiry in science.
14. What are the language related skills ? Explain.
15. Why specialization in subject is necessary ?
16. Justify the reason for including mathematics as a school subject in developing reasoning ability of students.

(4 × 4 = 16 marks)

Part D

Answer any one of the following.

The question carries 10 marks.

17. Explain Biglan Model of classification of Academic disciplines.
18. Explain the Subject nature and Subject history of Social Science.

(1 × 10 = 10 marks)