

**G 2398**

(Pages : 2)

Reg. No.....

Name.....

**B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION, JULY 2018**

**Second Semester**

**EDU 205.17—CURRICULUM AND RESOURCE DEVELOPMENT IN PHYSICAL SCIENCE  
EDUCATION**

(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. What is topic approach ?
2. Define core curriculum.
3. What are improvised aids ?
4. Give *two* advantages of hand book.
5. Name any *two* e-learning resources available in school.
6. Name any *two* advantages of educational CD's.
7. What is virtual classroom ?
8. Write any *two* functions of library.
9. Name any *two* registers to be kept in science laboratory.
10. Mention any *two* functions of NCF.

(10 × 1 = 10 marks)

**Part B**

*Answer any five questions in about half a page each.*

*Each question carries 2 marks.*

11. Differentiate between curriculum and syllabus.
12. Mention any *two* approaches in curriculum organizations.

14. List a few class management strategies in physical science learning.
15. Give the advantage of providing hands own experience to pupils.
16. What are the educational significance of science journal ?

(5 × 2 = 10 marks)

### Part C

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

17. What are the phases involved in curriculum planning ?
18. How will you create a blog for teaching physical science ?
19. Give the advantages of virtual classroom.
20. Briefly explain the principles of curriculum development.
21. Establish the relationship between curriculum and community.
22. What is the role of teachers in operationalising curriculum into learning situation ?
23. Explain different approaches to curriculum organization.

(5 × 4 = 20 marks)

### Part D

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

24. Use of multimedia and ICT makes physical science teaching effective—Substantiate.
25. Discuss modern trends in curriculum construction.

(1 × 10 = 10 marks)