G 6280 (Pages : 2) Reg. No.....

Name.....

B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION, JUNE 2017

Second Semester

EDU 205.17—CURRICULUM AND RESOURCE DEVELOPMENT IN PHYSICAL SCIENCE EDUCATION

[Regular/Supplementary—2015 Admission onwards]

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 the difference between old and new definition of curriculum ?
2. List any two characteristics of feasible curriculum.
3. List any four principles of curriculum organization.
4. Give any four key factors required for curriculum transaction.
5. List any two disadvantages with activity based curriculum.
6. What principle is to be followed while selecting the most appropriate learning resource ?
7. Give the name of a dedicated website for the professional growth of science teacher.
8. List any two uses and two drawbacks of technology aids.
9. List any four qualities of a good science textbook.
10. Give the name or the name of the company of an educational CD for higher secondary school.

(10 × 1 = 10 marks)

Part B

Answer any **five** *questions in about* **half a page** *each.*
Each question carries 2 *marks.*

11. How can you make the curriculum flexible ?
12. What are the characteristics of a text book designed with a child centered approach ?
13. What is core curriculum ?

Turn over

14. Illustrate topical approach of curriculum organization.

15. How do you classify and store chemicals in a science laboratory ?

16. When is virtual classroom preferred to a traditional classroom ?

(5 × 2 = 10 marks)

Part C

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

17. How is curriculum mapping important to a teacher ?

18. Briefly describe the phases of planning of curriculum.

19. What are the merits and demerits of a subject centered curriculum ?

20. Describe the discipline to be kept in a science laboratory.

21. What are the merits of differentiated curriculum ? Can this be adopted in our state school curriculum ?

22. Explain the creation of a blog.

23. How do you effectively manage individual work in science classroom ?

(5 × 4 = 20 marks)

Part D

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

24. Critically evaluate the high school science text book with respect to NCF guide lines on science curriculum.

25. Describe the setting up of a science section in the school library. How will you promote use of library if you are the science teacher ?

(1 × 10 = 10 marks)