

G 1528

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Reg. No.....

Name.....

**B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION  
APRIL 2016**

**Second Semester**

**EDU 205.18 – CURRICULUM AND RESOURCE DEVELOPMENT IN  
NATURAL SCIENCE EDUCATION**

(Regular [Two Year Course] – 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 meant by core curriculum?
2. Mention any *one* salient feature of curriculum for slow learners.
3. Suggest any *two* online libraries for Biology leaning.
4. Differentiate textbook and teacher text.
5. Briefly explain the creation of an improvised aid to demonstrate inspiration and expiration.
6. What is the use of digital image processor attached to microscopes?
7. Suggest two websites for biology reference collection.
8. What is the role of teachers in curriculum mapping?
9. What is the content of Students workbook?
10. What is meant by virtual class rooms?

(10 × 1 = 10 marks)

**Part B**

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

*Each question carries 2 marks.*

11. Differentiate Curriculum and Syllabus.
12. Distinguish between Concentric and Spiral approaches of curriculum organisation.
13. How can we modify the curriculum for gifted students?
14. What is meant by resource unit? How is it different from reference books?

**Turn over**

15. What is the role of teacher in curriculum mapping?
16. Illustrate how can a biology teacher effectively utilise supplementary reading material for teaching?

(5 × 2 = 10 marks)

### Part C

*Answer any five questions in about one page each.*

*Each question carries 4 marks.*

17. Classify different audio visual materials used for Biology teaching.
18. Prepare a plan and proposal to construct a new laboratory for your school.
19. Explain as teacher how can you effectively utilise the social media for effective class room interaction.
20. What is meant by community based curriculum? How this differs from child centred curriculum?
21. What are the different approaches to curriculum development?
22. What are the different technological devises helpful for a Biology teacher?
23. Operationalizing of curriculum is more important than curriculum construction. Elucidate.

(5 × 4 = 20 marks)

### Part D

*Answer any one question in about four pages each.*

*The question carries 10 marks.*

24. Elaborate the principles of curriculum construction.
25. Compare and contrast the curriculum reforms suggested by NCF and KCF.

(1 × 10 = 10 marks)