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**J – 5330**

Reg. No. : .....

Name : .....

**Second Semester B.Ed. Degree Examination, April 2020**

**EDU-09.9 – CURRICULUM AND RESOURCES IN DIGITAL ERA : NATURAL  
SCIENCE EDUCATION**

**(2019 Admission)**

Time : 2 Hours

Max. Marks : 50

PART – A

Answer **all** questions.

1. An arrangement for preserving creatures living in the air
  - (a) Terrarium
  - (b) Aquarium
  - (c) Vivarium
  - (d) Planetarium
  
2. Which among the following is an example of man-made resources?
  - (a) Forest
  - (b) Museum
  - (c) Wet land
  - (d) Sacred groove

P.T.O.

3. The curriculum which drew attention to the idea that schools do more than aid in the transmission of knowledge between one generation to the next
- (a) Subject curriculum (b) Concentric curriculum  
(c) Hidden curriculum (d) Spiral curriculum
4. Encyclopedia of Science is a
- (a) Science magazine (b) Journal  
(c) Experimental book (d) Reference book
5. The headquarters of NCERT
- (a) Delhi (b) Mumbai  
(c) Calcutta (d) Chennai

**(5 × 1 = 5 Marks)**

**PART – B**

Answer **all** questions. (Answer in **1** sentence).

6. What is a manuscript magazine?
7. Write two web 2.0 tools related with high school Biology.
8. What is an ornamental garden?
9. Suggest two educational journals in Science for your school library.
10. What are the research inputs in genetic engineering?

**(5 × 1 = 5 Marks)**

## PART – C

Answer **all** questions (Answer in **2** or **3** sentences).

11. Differentiate between Science Fair and Science Exhibition.
12. What are supplementary readers?
13. Mention four types of registers to be kept in a Science laboratory.
14. What are the emerging challenges related to organ transplantation?
15. Write a short note on the contributions of e-resource materials for learning Biology.

**(5 × 2 = 10 Marks)**

## PART – D

Answer **any four** questions (Answer in **6** to **8** sentences).

16. Explain the innovative measures of waste disposal to solve environmental issues in your locality.
17. Discuss the various approaches to curriculum organization.
18. Briefly explain the qualities of a good Science text book.
19. Write the scope and relevance of virtual laboratory.
20. What is BSCS? What are three versions of BSCS text book?
21. What is Nano-technology? Write a note on Nano-technological applications in medical field?

**(4 × 5 = 20 Marks)**

PART – E

Answer **any one** (Not exceed **2** pages).

22. Write the relevance and scope of community resources. Discuss the role of different natural resources for Science learning.
23. How will you organize a library in your school and make use of different types of resources available in the library for accessing information?

**(1 × 10 = 10 Marks)**

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