

**Reg. No. : .....**

**Name :** .....

**Second Semester B.Ed. Degree Examination, April 2019**  
**EDU 09.9 : CURRICULUM AND RESOURCES IN DIGITAL ERA : NATURAL**  
**SCIENCE EDUCATION**  
**(2015 Scheme)**

Time : 2 Hours

Max. Marks : 50

## PART – A

Answer **all** questions.

- \_\_\_\_\_ can not be prevented by vaccination.  
A) Flue  
B) AIDS  
C) Tetanus  
D) T.B.
- \_\_\_\_\_ is the hormone that controls the metabolic activity of all cells of the body.  
A) Insulin  
B) Adrenaline  
C) Thyroxine  
D) Testosterone
- Nature rambling is an effective  
A) 3D Aid  
B) Display Aid  
C) Contrived experience  
D) Concrete experience
- \_\_\_\_\_ is the most useful aid for a teacher to cater to the needs of the gifted pupils of a class.  
A) Hand Book  
B) Text Book  
C) Resource Unit  
D) Educational Journal
- In deductive approach the content organisation is from \_\_\_\_\_ to \_\_\_\_\_.  
A) Simple to complex  
B) Concrete to abstract  
C) General to particular  
D) Concrete to contrived

**(5×1=5 Marks)**

P.T.O.



## PART – B

Answer **all** questions in **one** or **two** sentences. (Very short answer)

6. What do you mean by G M product ?
7. What is the importance of Pupil's work book ?
8. What do you mean by KCF 2007 ?
9. What do you mean by a Blog ?
10. Define improvised aid. **(5×1=5 Marks)**

## PART – C

Answer **all** questions. (Short answer)

11. Mention the advantages of spiral curriculum.
12. What do you mean by e-learning material ?
13. What are the advantages of organising a field trip ?
14. The level of creatine in blood is higher than the normal level. What does this indicate ?
15. What do you mean by Green Revolution ? **(5×2=10 Marks)**

## PART – D

Answer **any four** questions. (Short essay)

16. What do you mean by interdisciplinary approach in science curriculum ?
17. What are the characteristics of a good biology text book ?
18. Differentiate between w.w.w. and website.



19. How can you differentiate between syllabus and curriculum ?
20. What do you mean by search engines in internet ?
21. What are the information resources that may be made available in a school library ? **(4×5=20 Marks)**

PART – E

Answer **any one** question. (Essay)

22. Describe in detail a comprehensive waste management programme for a house of 6 members situated in an urban area.
23. What is the role of science club in science education at secondary level ? **(1×10=10 Marks)**
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