

G 2388

(Pages : 2)

Reg. No.....

Name.....

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

Second Semester

EDU 204.18—PEDAGOGICAL DIMENSIONS OF NATURAL SCIENCE

(2015 Admission onwards)

[Regular/Supplementary]

Time : Two Hours

Maximum : 50 Marks

Part A

Answer all questions in one or two sentences.

Each question carries 1 mark.

1. What is meant by scaffolding ?
2. Write the scoring indicators to evaluate a project .
3. What is meant by blue print in evaluation ?
4. Smart board is better than blackboard comment.
5. What is the difference between achievement test and diagnostic test ?
6. Differentiate formative and summative assessment .
7. What is meant by CCE ?
8. What are the merits of multiple choice test item ?
9. 'Grading system is better than marking system' Evaluate.
10. What is the difference between stem and options in a multiple choice test item.

(10 × 1 = 10 marks)

Part B

Answer any five questions in about half a page.

Each question carries 2 marks.

11. What is mean by social constructivism ?
12. Mention the steps of Blog creation.
13. Give examples of two concepts and two terms from the new SCERT class VIII Basic Science Textbook
14. Differentiate laws and theories with suitable examples of your choice.

Turn over

15. Differentiate successive scanning and simultaneous scanning.
16. What is the difference between photosynthesis as a concept and Photo synthesis as a process ?
(5 × 2 = 10 marks)

Part C

Answer any five questions in about one page.

Each question carries 4 marks.

17. How to prepare an e-question bank ?
18. How to create an effective tool for self assessment and how to implement it ?
19. Briefly explain the criteria for assessing seminars and projects in schools ?
20. What test will you conduct to identify a learning difficulty experienced by students ? How will you rectify it ?
21. Explain the scope and challenges of TPCK.
22. Explain the needs and significance of planning.
23. Briefly explain the challenges of web based learning in present Indian Scenario.

(5 × 4 = 20 marks)

Part D

Answer any one questions in about four pages.

Each question carries 10 marks.

24. Write the steps involved in the construction of an achievement test with a suitable example.
25. What do you know about web-based learning ? What are the various techniques of it ? How can you plan a blog creation for VIII standard students for teaching biology ?

(1 × 10 = 10 marks)