

**B.Ed. (Credit and Semester) DEGREE EXAMINATION, MARCH 2014**

**First Semester**

**CORE COURSE**

**EDU 804.18 PEDAGOGIC ANALYSIS OF NATURAL SCIENCE**

**(Regular/Supplementary)**

Time: Three Hours

Total Marks: 80

**Part A**

*Answer **all** questions given below in one or two sentences. Each question carries 1mark.*

1. State the function of Sodium in human body.
2. What is a Unit plan?
3. Give the use of Trichocards
4. Write the functions of cerebrum.
5. Give the normal sugar level in man.
6. What is Islets of Langerhans ?Give its function.
7. Define objective based evaluation.
8. Define blue print.
9. Name the largest endocrine gland in the human body.
10. What is parasitism?. Give an example.

(1x10=10)

**Part B**

*Answer any **Eight** questions in about half a page.  
Each question carries 4 marks.*

11. Write the Herbartian steps in Lesson Planning.

12. What is Grading? State its advantages.
13. Analyse the type of food relationship that exists between Eagle and chicken?
14. State Dark reaction.
15. Define Commensalism. Give example.
16. How will you rectify Myopia?
17. What are endemic species?
18. What are gene banks ?
19. Write the names of different types of joints.
20. Give the concept of systemic circulation.
21. Define glycolysis.
22. Write the function of lenticels.

(8x2=16)

### Part C

*Answer any **six** questions in short paragraph of **100 words**.  
Each question carries 4 marks.*

23. Write a good introduction to teach the topic Phototropism.
24. What learning activities would you plan for teaching the topic Chromosome?
25. Analyse the content of the topic Human reproductive system.
26. Write questions for testing the objective Application for the topic disorders of nervous system.
27. Give four suitable assignments for the topic Digestive system in Man.
28. Suggest outdoor activities on the topic Life style diseases.
29. Explain the importance of exercise in maintaining health.
30. State the need of conserving the natural resources.
31. Suggest ways for effective waste **management**.

(4x6=24)

### Part D

*Answer any **two** questions not exceeding **four pages**.  
Each question carries 15 marks.*

32. Write a lesson manual of 45 minutes duration on the topic Structure of Eye.

33. Write the different types of planning in teaching Natural Science. Give a frame work of a Unit plan and write its significance.
34. Explain the construction of an improvised aid in Biology. Analyse its advantages over a commercially purchased model.
35. Explain constructivism. How can you practice constructivism in class room? Give its advantages in science teaching.

(2 x 15 = 30)

**B.Ed. DEGREE (CBCSS) EXAMINATION, APRIL 2014**  
**Second Semester**  
**EDU.804.20- PEDAGOGIC ANALYSIS OF COMMERCE**

Time: Three hours

Maximum: 80marks

**Part A**

(Answer all questions in one or two sentences each. Each question carries 1 mark)

1. What do you mean by depreciation?
2. What is m- commerce?
3. Suggest measures to ensure maximum learner participation in the class room.
4. Suggest two outdoor activities that can be given to students while teaching insurance.
5. What is sacrificing ratio?
6. What are four P's of marketing mix?
7. Mention two objectives of lesson planning.
8. Write two assignments on the topic 'Public enterprises'.
9. What is the purpose of content analysis?
10. What are the advantages of Pedagogic Analysis in commerce? (10x1=10marks)

**Part B**

(Answer any eight questions in about half page each. Each question carries 2 marks)

11. What are the advantages of essay type questions in commerce?
12. What do you mean by objective based instruction?
13. What is the purpose of content analysis?
14. Distinguish between formative evaluation and summative evaluation.
15. Explain the concept of link practice in microteaching.

16. What is meant by stimulus variation?
17. What is the significance of statistical analysis of test scores?
18. What are the steps in Herbartian Approach?
19. What is objective based instruction?
20. Suggest measures to ensure maximum learner participation in class rooms.
21. What is meant by continuous and comprehensive evaluation?
22. Distinguish between a fact and a concept with examples (8x2=16marks)

### Part C

(Answer any six questions in about one page each. Each question carries 4 marks)

23. How will you evaluate the project work of your students?
24. What learning activity will you give to teach the concept 'cash book'.
25. How will you introduce the topic 'Dissolution of a partnership firm'.
26. Which method would you suggest for teaching the topic 'Recent developments in banking sector'. Why?
27. What are the various techniques of reviewing lessons?
28. Enumerate various graphical representations to describe the data relating to students' achievement in commerce.
29. Draft a lesson plan for developing the skill of questioning.
30. Prepare a content analysis of the topic 'sales promotion techniques'.
31. Explain the criteria for evaluating teaching manuals and teaching competency

(6x4=24 marks)

### Part D

(Answer any two questions in about four pages. Each question carries 15 marks)

32. Draft a lesson plan based on any topic from Accountancy.
33. Point out the curriculum objectives, learning activities and instructional aids you would provide for teaching the topic 'Nature and causes of business risk'.
34. Explain the steps involved in the analysis and interpretation test scores. Illustrate with imaginary scores.
35. What do you mean by lesson planning? Explain the importance and purpose of lesson planning. Also describe the various approaches to lesson planning.

(2x15=30 marks)

