

**VASAVI COLLEGE OF EDUCATION
MADAGADIPET, PUDUCHERRY - 605 107**

**B.Ed., DEGREE EXAMINATION - MARCH - 2019
Second Year (1 - 5 Units)**

Pedagogy of Biological Science – Part 2

Time : 3 Hours

Maximum Marks : 80

Part- A (2 x 10 = 20)

1. Briefly Explain the Activity based learning approach.

(or)

How do you organize a field visit to Botanical garden or Zoo?

2. Describe the classification of teaching aids.

(or)

How do you organize and maintenance of a science laboratory in your school?

Part – B (8 x 5 = 40)

3. Explain 5E learning.
4. Discuss about experimental learning.
5. Describe the community based learning resources in teaching of science.
6. Illustrate the significance of scientific laboratory and its equipments.
7. List out the merits and demerits of OHP.
8. The real objects are more effective in teaching of science- Justify your answer.
9. What are the uses of charts and explain the different types of charts?
10. List out the common accidents and first aid in science lab.
11. Write briefly about the importance of practical work in teaching of science.
12. Explain the different types of display boards.

Part – C (10 x 2 = 20)

13. Write a short note on ABL approach.
14. What do you mean by concept attainment?
15. Mention the importance of flash cards?
16. List out the graphical aids and its effective uses.
17. 3D aids are more effective than other aids- How?
18. Write short note on the problems in conducting practical.
19. List out the laboratory registers.
20. Write short note on practical ethics.
21. Mention the advantage of smart interactive board.
22. List out the merits and demerits of chalk board.

