

2022
(February)

Methodology of Teaching Life Science
(Third Semester)

Full Marks : 80

Time : 3 hours

The Figures in the margin indicate full marks for the questions
Answer any **five** questions.

1. Analyse the the teaching content of a Science text book at the Secondary Level
Point out its merits and demerits. 8 + 8 = 16
2. Critically evaluate the MBOSE Class – X question paper on Life Science? 16
3. What is Project Method? How can Project Method of teaching science be beneficial
in a School . Give examples to illustrate your answer. 3 + 10 + 3 = 16
4. Prepare a lesson plan on any topic of Life Science for Class – X. Explain the values
of teaching learning process of Life Science at the Secondary level. 10 + 6 = 16
5. What are teaching aids? How can a science teacher make use of local resources as
teaching aids in the class room?. Cite suitable examples. 4 + 8 + 4 = 16
6. Discuss the importance of Procurement effective utilization, maintenance of
laboratory equipments in a science laboratory at the Secondary Schools. Point out its
limitations. 12 + 4 = 16
7. Explain the main Principles of Curriculum Construction in Life Science. Describe
briefly how you would construct a Science Curriculum at the Secondary level. 8 + 8 = 16.
8. What is meant by Constructivist approach in teaching? As a Science teacher how
would you bring about Constructivist teaching strategies and approaches in a class
room. Explain with examples. 6 + 10 = 16
9. Write short notes on any two of the following : 8 + 8 = 16
 - (a) Steps in Scientific Methods.
 - (b) Importance of Lesson Planning.
 - (c) Heuristic Method in teaching life science.
 - (d) Construction of objective based test items in Life Science.