

2018
(JULY)
Bachelor of Education
(Teaching of Biological Science)
Paper – B.Ed/2/CC/202
Full Marks : 60
Pass Mark : 24
Time : 3 Hours

The figures in the margin indicate full marks for the questions

Answer any five questions from the following.

1. Explain the nature and scope of biological science teaching in secondary schools. (6+6=12)
2. Discuss the relevance of project in today's biological science curriculum and enumerate the relationship of biological science with other disciplines of the secondary school curriculum. (4+8=12)
3. What is scientific literacy? How can science teacher help in promoting scientific literacy among students? Explain. (5+7=12)
4. What are the different components of a lesson plan? Explain the significance of each component in the teaching-learning process. (4+8=12)
5. Develop a lesson plan on any biological science topic with the help of inductive-deductive approach from secondary school text book. (12)

6. What is multi-sensory teaching-learning material? What are the important factors which should be kept in the mind of a teacher while identifying an appropriate multi-sensory material for a particular situation? Explain with examples. (4+8=12)
7. What is the relevance of organizing science fair and exhibition in schools? How can the students and teachers benefit from intra-school and inter-school science fairs? Explain. (6+6=12)
8. Why is a science laboratory essential for teaching any worthwhile science course at secondary school level? Discuss in detail the precautions and safety measures you will adopt in your laboratory for smooth and accident free practical work in secondary schools. (5+7=12)
9. Write short notes on *any two* of the following: (6+6=12)
- (a) The role of biological science in our lives
 - (b) Improvised teaching aids
 - (c) Ecological approach of teaching biological sciences
 - (d) Principles of curriculum organization