

**BACHELOR OF EDUCATION
THIRD SEMESTER
TEACHING OF GENERAL SCIENCE
BED – 301A**

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 2 hrs.

Full Marks: 50

(Objective)

Time: 15 mins.

Marks: 10

Choose the correct answer from the following:

1×10=10

1. What should be the objective of Science teaching at the upper primary stage?
 - a. Child should be engaged in learning the principles of science through familiar experiences
 - b. Working with hands to design simple technological units and models
 - c. Childs should be continue to learn more about environment and health
 - d. All above
2. What will be the appropriate methodology of science teaching in elementary classes?
 - a. Group activities, discussion with peers
 - b. Text book reading
 - c. surveys
 - d. (a)& (c)
3. Hari wants to teach the circular motion to class vi students .which one of the following method will be the best method?
 - a. Activity based teaching method
 - b. Giving examples
 - c. demonstration
 - d. discussion
4. The structure of unit plan is based on
 - a. Subject matter
 - b. Teaching objectives
 - c. Both (a) & (b)
 - d. None of the above
5. An ideal lesson plan is
 - a. Objective based
 - b. Based on previous knowledge
 - c. Based on teaching levels
 - d. All of the above
6. Museums are an excellent
 - a. Audio aids
 - b. Visual aids
 - c. Audio-visual aids
 - d. none
7. Science magazine and science journals are
 - a. Primary sources of information
 - b. Secondary sources of information
 - c. Tertiary sources of information
 - d. none

8. Which of the following given below are true regarding the importance of audio-visual aids in teaching of science?
- a. Use of audio-visual aids develops interests and motivate students
 - b. They break the monotony of teacher's talk , reduce verbalism
 - c. Learning experience becomes far more concrete
 - d. All of the above
9. In teaching of science, the discussion method is based on the principle of
- a. Free expression and equal opportunity
 - b. Learning by doing
 - c. Learning by living
 - d. All of the above
10. In teaching a topic 'weighing machine' the method you will use as a science teacher will be
- a. Lecture method
 - b. Project method
 - c. Demonstration method
 - d. Discussion method

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(Descriptive)

Time : 1 Hr. 45 Mins.

Marks : 40

[Answer question no.1 & any two (3) from the rest]

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| 1. Why is correlation important in science teaching? How can the various science subjects be correlated with one another? Explain your answer with suitable examples. | 3+7=10 |
| 2. What are the objectives of teaching science? Write about the need and practice of science in secondary school level. | 4+6=10 |
| 3. Define evaluation. What are the characteristics of evaluation? Write the types with their examples. | 2+5+3=10 |
| 4. Write short notes:
a) Team teaching
b) Differences between unit plan and lesson plan | 5+5=10 |
| 5. What is lesson plan? Prepare a lesson plan for class IX students selecting one of the following topics.
a) Animal tissue
b) Atoms
c) Sound | 2+8=10 |
| 6. What is objective based test items? Write the steps in the construction of a science question paper. | 4+6=10 |

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