

**B.Ed.
(Old Course)
(Paper-VIII)**

Paper: Teaching of Bio-Science
Time allowed: 3 Hours.

Max. Marks: 80
Min. Pass Marks: 32

Note: Attempt all questions. All questions carry equal marks.

Q.1. Describe the land mark developments in Science?

OR

Describe the following:

- i) Importance of Bio Science in School Curriculum
- ii) Alexander Fleming and his Discovery.

Q.2. Write an elaborate technical description on these?

- i) Preparation of Teaching Aids
- ii) Maintenance of Aquarium.

OR

Describe the importance of Science Clubs and Science Museums as Non-formal Approaches to Science Teaching?

Q.3. Differentiate between these?

- i) Lecture Method and Demonstration Method
- ii) Demonstration Method and Heuristic Method.

OR

Write an account of Inductive Deductive Method of teaching Bio Science?

Q.4. Define Nutrition? Describe in detail various types of Nutrition in Plantae?

OR

Differentiate between:

- i) Osmosis and Diffusion
- ii) Absorption of Water and Transpiration in Plants.

Q.5. Write what are these and what role do they play?

- i) Auxins
- ii) Gibberellins

OR

Describe the following?

- i) Thyroid gland and its hormones in humans
- ii) Structure of human heart.

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