

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**Pharm.D DEGREE EXAMINATION - July 2019
First Year**

REMEDIAL BIOLOGY

Time: Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x 15 = 30)

1. Classification of plant kingdom. Add a note on photosynthesis.
2. Draw the structure of bacteria. Explain the reproduction methods of bacteria.
3. Types of animal tissues. Structure and functions of nervous tissue.

II. Write short answers on any **SIX** questions: (6 x 5 = 30)

4. Describe about plant hormones and its function.
5. Draw the basic structure of leaf and explain it.
6. Add a note on types of fruits with examples.
7. Discuss about applications of penicillin.
8. Structure and functions of nucleus in animal cell.
9. External morphology of frog and explain it.
10. Types of poisonous animals with examples
11. Basic characteristics of plants belongs to rubiaceae family with examples.

III. Write short notes on any **FIVE** question: (5 x 2 = 10)

12. What is meant by pollination flowers?
13. Types of roots.
14. Examples for plant pigments.
15. Define mammals and give one example.
16. Write the scientific name and family of frog.
17. Functions of mitochondria in animal cells.
