

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

**Pharm.D DEGREE EXAMINATION - February 2020
First Year**

REMEDIAL BIOLOGY

Time: Three hours

Maximum: 70 marks

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

1. Draw the labeled diagram of animal cell and write the functions of each organelle.
2. Explain the reproductive cycle of frog.
3. Draw the structure of fungi. Explain the reproduction methods of fungi.

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

4. Difference between animal cell and plant cell
5. Describe the types of plant tissue.
6. Draw the structure of yeast and explain it.
7. Morphology of seeds.
8. Explain the structure of frog heart with neat diagram.
9. Types of epithelial tissues with suitable examples.
10. Add a note on Aves.
11. Basic characteristics of plants belongs to umbelliferae family with examples.

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

12. Define plant kingdom.
13. Give two examples for gram positive bacteria.
14. Functions of stem.
15. Types of cell division in animal cell.
16. What is mean by inflorescence flowers?
17. Functions of xylem in plant cell.
