

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LN 831]

OCTOBER 2018

Sub. Code: 3831

**PHARM. D DEGREE EXAMINATION**  
**(2009-2010 Regulation)**  
**FIRST YEAR**  
**PAPER VI – REMEDIAL BIOLOGY**

*Q.P. Code : 383831*

**Time : Three hours**

**Maximum : 70 Marks**

**I. Elaborate on:**

**(4 x 10 = 40)**

1. Define Ergastic substances of plant. Discuss in detail account on excretory products of plant cell.
2. Describe the various modifications of root system for storage and support as functions.
3. Explain the structure and functions of frog's heart.
4. Write detailed note on taxonomical features of solanaceae family.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Explain the morphology of flower.
2. Write brief note on aerobic respiratory process of higher plant.
3. Write a note on general organization of Amphibia.
4. Explain the nervous system of frog.
5. Describe the types of connective tissues.
6. Write a note on vertebrates with examples.

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