

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

[LP 831]

OCTOBER 2019

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. a) Define Natural system of classification.
b) Describe Bentham and Hooker model classification. Explain its merits and demerits.
2. What is Inflorescence? Give an account of different types of Inflorescence.
3. Write the salient features of phylum Protozoa. Explain the life cycle of *Entamoeba histolytica*.
4. Write the salient features of phylum Nematelminthes. Explain the life cycle of *Ascaris lumbricoides*.

II. Write notes on:

(6 x 5 = 30)

1. Write short notes on Fibrous root modifications.
2. What is Placentation and write its types.
3. Write short notes on Fleshy fruits.
4. Write the structure of Dicot non endospermic seed.
5. Write short notes on digestive system of frog.
6. Define the life cycle of *Plasmodium vivax* in female Anopheles mosquito.
