

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

[PHARMD 0321]

MARCH 2021

Sub. Code: 3807

**(OCTOBER 2020 EXAM SESSION)
PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER I – PATHOPHYSIOLOGY
Q.P. Code : 383807**

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Write in detail about types, risk factors and pathogenesis of Stroke.
2. Elaborate on the effects of protein calorie malnutrition and starvation.
3. Explain in detail about etiology and pathogenesis of Cancer.
4. Discuss in detail about effects of free radicals and loss of calcium homeostasis in cell injury.

II. Write notes on:

(6 x 5 = 30)

1. Enumerate the classes of Auto immune diseases in man.
2. Write about the types and process of Wound healing.
3. Classify Hypersensitivity with suitable examples.
4. Write a note on etiology and pathogenesis of Dysentery.
5. Enumerate on protective measure to prevent biological effects of radiation.
6. Write the etiology and pathophysiology of Chronic Obstructive Airway Diseases.
