

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

[MD 0522]

MAY 2022

Sub. Code: 2000

M.D. DEGREE EXAMINATION

BRANCH I – GENERAL MEDICINE

PAPER I – APPLIED BASIC SCIENCES IN GENERAL MEDICINE

Q.P. Code: 202000

Time : Three Hours

Maximum : 100 Marks

Write Notes on:

I. ANATOMY: (4 x 5 = 20)

1. Facial Nerve-applied anatomy.
2. Juxtaglomerular apparatus.
3. Cavernous sinus.
4. Internal capsule.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Exocrine functions of pancreas.
2. Surfactants.
3. Erythropoiesis.
4. Neuromuscular junction.

III. BIO-CHEMISTRY: (3 x 5 = 15)

1. Congenital hyperbilirubinaemia.
2. Haemoglobin Electrophoresis.
3. Acute intermittent Porphyria.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Newer Oral Hypoglycemic agents.
2. Newer Macrolides.
3. Chloroquin.

V. PATHOLOGY: (3 x 5 = 15)

1. Pathology of Emphysema.
2. Non Hodgkin's lymphoma.
3. Cancer genetics.

VI. MICROBIOLOGY: (3 x 5 = 15)

1. Immunological changes following Covid 19 infection.
2. HIV virus.
3. Atypical Mycobacterium.
