

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

[MS 0524]

MAY 2024

Sub. Code: 4001

M.S. DEGREE EXAMINATION

BRANCH I – GENERAL SURGERY

PAPER I – BASIC SCIENCES

Q.P. Code: 224001

Time: Three Hours

Maximum: 100 Marks

Write notes on:

I. ANATOMY:

(4 x 5 = 20)

1. Mesentery.
2. Palmar spaces.
3. Retropharyngeal space.
4. Segments of Liver.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Gastrointestinal tract peristalsis.
2. Gall stones.
3. Iodine metabolism.
4. Cerebrospinal fluid.

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. Blood transfusion.
2. Hyponatremia.
3. Glucose tolerance test.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Radiomimetic drugs.
2. Adriamycin.
3. Antibiotics for Surgical prophylaxis.

V. PATHOLOGY:

(3 x 5 = 15)

1. Carcinoma Grading and Staging.
2. Premalignant lesions of Oral Cavity.
3. Immunohistochemistry.

VI. MICROBIOLOGY:

(3 x 5 = 15)

1. Biomedical waste management.
2. Tumour antigen.
3. Hepatitis B.
