

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

[BSCN 0523]

MAY 2023

Sub. Code: 4701

(FEBRUARY 2023 EXAM SESSION)

B.Sc. (Nursing) DEGREE EXAMINATION

(New Regulations for the candidates admitted from 2006-07 onwards)

FIRST YEAR

PAPER I – ANATOMY & PHYSIOLOGY

Q.P. Code: 664701

Time : Three Hours

Maximum : 75 Marks

Answer Section A and Section B Separately

SECTION - A
(ANATOMY)

I. Elaborate on: **(1 x 12 = 12)**

1. Enumerate parts of Urinary system with a neat labelled diagram and describe Kidney in detail under the following headings:
 - a) External features
 - b) Relations
 - c) Coverings of Kidney
 - d) Nursing implications of Kidney disorders.

II. Write notes on: **(3 x 5 = 15)**

1. Bronchopulmonary segments.
2. Classification of Synovial joints with examples.
3. Functional areas of Cerebrum.

III. Short answers on: **(5 x 2 = 10)**

1. Name the parts of Extra Hepatic Biliary Apparatus.
2. Name the branches of Arch of Aorta.
3. Write the parts of Fallopian tube and mention the area of Fertilization.
4. Name the muscles used for Intramuscular injection.
5. Name any two Hormones Secreted by Anterior Pituitary Gland

SECTION - B
(PHYSIOLOGY)

I. Elaborate on: **(1 x 13 = 13)**

1. Describe the structure of Thyroid Gland. Name the Hormones of Thyroid. Describe in detail the functions of Thyroxine. Add a note on Cretinism.

II. Write notes on: **(3 x 5 = 15)**

1. Intrinsic pathway of Coagulation.
2. Hypoxia and its types.
3. Refractive errors of Eye.

III. Short answers on: **(5 x 2 = 10)**

1. Hormones of Anterior Pituitary Gland.
2. Functions of Stomach.
3. Two functions of Cerebellum.
4. Two functions of Kidney.
5. Functions of Sertoli cells.
