

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

[BSCN 0622]

**JUNE 2022
(FEBRUARY 2022 SESSION)**

Sub. Code: 4701

**B.Sc. (Nursing) DEGREE EXAMINATION
(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. Describe in detail about anatomy of heart and its blood supply.

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

1. Cerebellum.
2. Tongue.
3. Ovary.

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

1. Name any four tributaries of inferior venacava.
2. Name the major contents of femoral triangle.
3. Varicose veins.
4. Name the parts of large intestine.
5. Name the cranial nerves in order.

**SECTION - B
(PHYSIOLOGY)**

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

1. What is menstrual cycle? Explain the uterine changes taking place during menstrual cycle.

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

1. Composition and function of pancreatic juice.
2. Immunity.
3. Transport of carbon dioxide.

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

1. Name the leads of electrocardiogram.
2. Types of neuron.
3. Name any four hormones secreted by anterior pituitary gland.
4. Pupillary reflex.
5. Types of muscle.
