

MEDICAL**[BSCN 1023]****OCTOBER 2023
(AUGUST 2023 EXAM SESSION)****Sub. Code: 4701****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. List out the Endocrine Glands in the body and describe the Thyroid Gland under the following headings:
 - a) External features
 - b) Capsules of Thyroid Gland
 - c) Blood supply
 - d) Applied aspects with Nursing implications.
- II. Write notes on:** (3 x 5 = 15)
1. Stomach.
 2. Spinal cord.
 3. Coronary circulation.
- III. Short answers on:** (5 x 2 = 10)
1. Name the layers of Uterus.
 2. Name any two branches of Abdominal aorta.
 3. Mention the major openings of Diaphragm with its content.
 4. Name the content of Cubital fossa.
 5. Enumerate the contents of Spermatic cord.

**SECTION - B
(PHYSIOLOGY)**

- I. Elaborate on:** (1 x 13 = 13)
1. Define Blood Pressure. Explain the factors regulating Blood Pressure in detail. Add a note on Hypertension.
- II. Write notes on:** (3 x 5 = 15)
1. Heart sounds.
 2. Transport of Oxygen.
 3. Functions of Saliva.
- III. Short answers on:** (5 x 2 = 10)
1. Define Sarcomere.
 2. Types of Nephron and its functions.
 3. Two functions of Cerebellum.
 4. Name the Plasma proteins.
 5. Placental hormones.