

MANIPAL ACADEMY OF HIGHER EDUCATION
FIRST YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2019
SUBJECT: SECTION A: BSN 101 – ANATOMY (DTQ)

Monday, September 16, 2019

Time: 10:15 – 11:30 Hrs.

Max. Marks: 22

- ✍ **All questions are compulsory.**
- ✍ **Illustrate your answers with diagrams and flow charts wherever appropriate.**

1. **Write short notes on:**

- 1A. Flow of CSF
- 1B. Ascending aorta
- 1C. Bronchopulmonary segments
- 1D. Structure of liver

(3 marks × 4 = 12 marks)

2. **Write short answers on:**

- 2A. Layers of eye ball
- 2B. Formation and termination of portal vein
- 2C. Ureter
- 2D. Paranasal sinuses
- 2E. Hypospadias and Epispadias

(2 marks × 5 = 10 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FIRST YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2019
SUBJECT: SECTION B: BSN 101 – PHYSIOLOGY (DTQ)

Tuesday, September 17, 2019

Time: 10:15 – 11:30 Hrs.

Max. Marks: 23

 **All questions are compulsory.**

1. Short Notes:

- 1A. Explain functions of cerebellum
- 1B. Define blood pressure. List any **TWO** factors maintaining blood pressure
- 1C. Name hormone of anterior pituitary responsible for growth. Explain **TWO** applied diseases due to its altered secretion

(3 marks × 3 = 9 marks)

2. Short Answers:

- 2A. List TWO differences between smooth and skeletal muscle
- 2B. Write the functions of hemoglobin
- 2C. List the functions of lung
- 2D. Name any FOUR Gastro intestinal hormones
- 2E. Write any TWO functions of juxtaglomerular apparatus
- 2F. Name any TWO errors of refraction and their correction
- 2G. Describe the phases of ovarian cycle

(2 marks × 7 = 14 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**FIRST YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2019****SUBJECT: BSN 103 – NURSING FOUNDATIONS (DTQ)**

Wednesday, September 25, 2019

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ **Answer ALL the questions.**

✍ **Essay:**

1A. List the indications for nasogastric tube insertion.

1B. Describe the procedure of nasogastric tube insertion.

(3+10 = 13 marks)

2A. Explain the factors affecting medication administration.

2B. Describe the procedural steps of administration of subcutaneous injection.

(4+8 = 12 marks)

3. **Write short notes on the following:**

3A. Role of nurses in primary health care.

3B. Process of communication.

3C. Types of fever.

3D. Assessment of anterior thorax.

3E. Methods of oxygen administration.

3F. Steps of implementation in nursing process.

3G. Preoperative preparation of patient undergoing surgery.

(5 marks × 7 = 35 marks)

