

**Madhya Pradesh Medical Science University, Jabalpur,**  
**BSc. Nursing First Year Main Examination February - 2020**

**Paper Code:- 20AN0000102001**

**Time: 3 Hours**

**Subject:- Anatomy & Physiology**

**Maximum Marks: 75**

1. Both parts (Part-A and Part-B) are compulsory.
2. Answer parts A & B in separate answer scripts.
3. All questions are compulsory.
4. Draw diagrams wherever necessary.
5. Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued.
6. Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
7. Student can answer the question in both Hindi and English Language.

**Section - A (Anatomy)**

**Mark: 37**

- Q.1** Describe structure of followings.
- a. Kidney (5)
  - b. Scapula (5)
- Q.2** Draw labeled diagram (Any Two) (2X5=10)
- a. Stomach
  - b. Eye
  - c. Heart
- Q.3** Enumerate (Any Two) (2X4=8)
- a. Branches of facial Nerve
  - b. Endocrine Glands
  - c. Lungs
- Q.4** Write short note of following: (Any three) (3X3=9)
- a. Liver
  - b. Cell
  - c. Spinal cord
  - d. Tongue

**Section B – Physiology (38 Marks)**

- Q.1** Match the followings: (5)
- | <b>Column A</b>    | <b>Column B</b>   |
|--------------------|-------------------|
| a. CSF             | Foramen Ovale     |
| b. Pituitary gland | Connective tissue |
| c. Occipital bone  | Choroid plexus    |
| d. Heart           | Foramen magnum    |
| e. Blood           | ADH               |
- Q.2** Write two functions of the following (2X5 = 10)
- a. Bone
  - b. Pancreas
  - c. Ovary
  - d. Blood
  - e. Heart
- Q.3** Differentiate between following:
- a. Sympathetic nerve and Para sympathetic nerve (4)
  - b. Artery and Vein (4)
- Q.4**
- a. Explain the physiology of Urinary system (5)
  - b. Function and secretion of Gastric juice (5)
- Q.5**
- a. Explain the cardiac cycle (5)