

**Madhya Pradesh Medical Science University, Jabalpur**
  
**First Year B.Sc. Nursing Examination Feb - 2018 (Main)**

**Paper Code:- 18AN0000101601**

**Subject:- Anatomy & Physiology**

**Time: 3 Hours**

**Maximum Marks: 75**

- 1) All questions are compulsory
- 2) Attempt all question in serial order.
- 3) Illustrate your answer with well labelled diagram.

**Section-A Anatomy**

**37 Marks**

- Q. 1** Describe Structure of (5x2=10)
- a. Stomach
  - b. Kidney
- Q.2** (2)
- a. Define Muscle
  - b. Write the types of Muscle (8)
- Q.3.** Draw labelled diagram (Any Two) (4x2=8)
- a. Liver
  - b. Heart
  - c. Urinary bladder
- Q.4** Write short note on (Any Three) 3x3=9
- a. Bones
  - b. Cells
  - c. Brain
  - d. Eye

**Section-B Physiology**

**38 Marks**

- Q.No.1** Match the following. (1x8=8)
- |  |  |
|--|--|
| <b>Column-A</b><br>Oxytocin<br>Mitochondria<br>Spleen<br>Olfactory<br>Peritoneum<br>Hypothalamus<br>Acromegaly<br>Lateral Rectus | <b>Column-B</b><br>Thermo Regulation<br>Largest Serous Membrane<br>Eye<br>Large Extremities<br>Power house of the cell<br>Posterior pituitary.<br>Sense of Smell<br>Phagocytosis |
|--|--|
- Q.No.2** Write the short Notes (Any Two) (2x5=10)
- a. Menstrual Cycle
  - b. Functions of Large Intestine
  - c. Conducting system of Heart
- Q.No.3** 5
- a. Draw a well labelled diagram of Nephron
  - b. Explain the mechanism of formation of Urine 5
- Q.No.4** 10
- a. Name the organs or respiratory system and explain the physiology of respiration.