

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**
- a. Define Muscle (2)
 - 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)
- | | |
|----------------|-------------------------|
| Column-A | Column-B |
| Oxytocin | Thermo Regulation |
| Mitochondria | Largest Serous Membrane |
| Spleen | Eye |
| Olfactory | Large Extremities |
| Peritoneum | Power house of the cell |
| Hypothalamus | Posterior pituitary |
| Acromegaly | Sense of Smell |
| Lateral Rectus | 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**
- a. Draw a well labelled diagram of Nephron 5
 - b. Explain the mechanism of formation of Urine 5
- Q.No.4**
- a. Name the organs or respiratory system and explain the physiology of respiration. 10