



**G-191001**

Seat No. \_\_\_\_\_

**First Year B. Sc. (Nursing) Examination**

**March - 2019**

**BSNOC - 101 : Anatomy and Physiology**

Time : 3 Hours]

[Total Marks : 75

- Instructions :**
- (1) Write each section in separate answer sheet.
  - (2) Start new question on new page.
  - (3) All questions are compulsory and draw diagramme whenever necessary.
  - (4) Do not put any marks on question paper.
  - (5) Numbers on right suggest the marks.

**SECTION – I (38 Marks)**

- 1 Long Essay :** **3+10=13**
  - (1) Enumerate the organs of digestive system. Describe in detail about anatomy of Stomach.
  
- 2 Write Short Notes on structure of following Organ :** **3×5=15**  
(Any **Three**)
  - (1) Uterus
  - (2) kidney
  - (3) Heart
  - (4) Skin
  
- 3 Answer the following Question : (Any Five)** **5×2=10**
  - (1) Name the organs of Respiratory System
  - (2) Mention the types of Bone.
  - (3) Name the branches of Coronary Artery.
  - (4) Give two examples of Ball and Socket Joint.
  - (5) Draw the structure of Nephron.
  - (6) Name the nerve running through elbow region.

## SECTION – II (37 Marks)

4 Long Essay : 2+2+8=12

- (1) Define Blood Pressure. What is the normal value of Blood Pressure? Mention and discuss in brief the various factors which influence Blood Pressure.

5 Write Short Notes : (Any **Three**) 3×5=15

- (1) Function of liver
- (2) Exchange of Gas in lungs
- (3) Conductive system of Heart
- (4) Hearing process

6 Answer the following Question : (Any **Five**) 5×2=10

- (1) List any two functions of bile.
  - (2) Name any two hormones produced by the ovary
  - (3) Name any two enzymes which help in digestion of carbohydrates.
  - (4) Name the two hormones secreted by posterior pituitary gland
  - (5) Name different types of muscle tissue.
  - (6) Name the refractive Errors.
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