



E-4225

First Year Basic B. Sc. (Nursing) Examination
July - 2016
Anatomy & Physiology

Time : 3 Hours]

[Total Marks : 75

Instructions :

(1)

नीचे दृष्टादिब निशानीवाणी विगतो उत्तरवही पर अवश्य दपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR BASIC B. Sc. (NURSING)

Name of the Subject :
ANATOMY & PHYSIOLOGY

Subject Code No. : **4 2 2 5** Section No. (1, 2,.....) : **1&2**

Seat No. :

Student's Signature

(2) Draw diagrams whenever necessary.

SECTION - I (Anatomy)

1 Short answer type questions : (any seven) 7

Define following :

- Sensory nerve
- Homeostasis
- Endocrine gland
- Haemolysis
- RNA
- Intra cellular fluid
- Synovial membrane
- Optic chiasma
- Osteocytes

2 Short Essay type questions : (any four) 20

- Ear
- Microscopic structure of lungs
- Spinal cord
- Trachea
- Skin
- The meninges

- 3 Essay type questions : (any one) 10
- (a) List out organs of female reproductive system. Write in detail about uterus.
 - (b) List out bones of skull and write in detail about the femur bone.

SECTION - II (Physiology)

- 4 Short answer type questions : (any eight) 8
Define following :
- (a) Lymphocytes
 - (b) Osmosis
 - (c) RV
 - (d) Pathogenesis
 - (e) Vital capacity
 - (f) Embolism
 - (g) Melanin
 - (h) Osteoblasts
 - (i) Ovulation
 - (j) Zygote
- 5 Short essay type questions : (any four) 20
- (a) Blood clotting
 - (b) Function of kidney
 - (c) Function of Thyroid gland
 - (d) Conduction system of Heart
 - (e) Bone Healing process
 - (f) Function of Pancreas
- 6 Essay type questions : (any one) 10
- (a) Describe in detail about liver and its physiological function.
 - (b) List the type of circulation. Describe in detail about portal circulation.