



R-4045

First Year B. Sc. (Nursing) Examination

June / July - 2018

Anatomy & Physiology

Time : 3 Hours]

[Total Marks : 75

Instructions :

(1)

नीचे दशांशविक निशानीवाणी विगतो उत्तरवही पर अवश्य लिखवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
F. Y. B. SC. (NURSING)	<input type="text"/>
Name of the Subject :	<input type="text"/>
ANATOMY & PHYSIOLOGY	<input type="text"/>
Subject Code No. : <input type="text"/> 4 <input type="text"/> 0 <input type="text"/> 4 <input type="text"/> 5	Section No. (1, 2,.....) : <input type="text"/> 1&2
	Student's Signature

- (2) Tie & submit each section separately.
(3) Draw neat and label diagram if require.

SECTION - I (38 Marks)

- 1 Define the following : (any eight) 8×1=8
- (i) Synapse
 - (ii) Skin
 - (iii) SA node
 - (iv) Ovum
 - (v) Pulmonary circulation
 - (vi) Grey matter
 - (vii) The auditory ossicles
 - (viii) Menstruation
- 2 Write short notes : (any four) 4×5=20
- (i) Tissue Regeneration
 - (ii) Cerebrospinal fluid (CSF)
 - (iii) Physiology of hearing
 - (iv) Chromosomes
 - (v) Functions of stomach

- 3 Write long essay : (any one) 1×10=10
- (A) Draw a labeled diagram of interior to human heart. 3
- (B) Write about flow of blood through the heart. 7

OR

- (A) Define cell division. 2
- (B) Enlist types of cell division. 1
- (C) Write an essay on any one type of cell division. 7

SECTION - II (37 Marks)

- 4 Define the following : (any eight) 7×1=7

- (i) Tidal Volume
- (ii) Total lung capacity
- (iii) External Respiration
- (iv) Sperm
- (v) Antigen
- (vi) Antibody
- (vii) Lymph

- 5 Write short notes : (any four) 4×5=20

- (i) Curve of vertebral column
- (ii) Thyroid & Parathyroid glands
- (iii) Humerus
- (iv) Cranial nerves
- (v) Explain Eye

- 6 Write long essay : (any one) 1×10=10

- (A) Draw a labeled diagram of respiratory tract. 2
- (B) Enlist respiratory muscles. 3
- (C) Explain cycle of respiration. 5

OR

- (A) Define nephron. 2
- (B) Write the parts of nephron. 3
- (C) Explain urine formation. 5