



NC-1806000601010001

First Year Basic B. Sc. (Nursing) Examination

December - 2021

Anatomy & Physiology

Time : 3 Hours]

[Total Marks : 75

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी.
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. : 1 8 0 6 0 0 0 6 0 1 0 1 0 0 0 1

Section No. (1, 2,.....): Nil

Seat No.:

0 1 0 1 4 0

Student's Signature

(2) All the questions are compulsory.

(3) Draw the diagram where ever is needed.

SECTION-1 (37 MARKS)

1 Write any two in details. 8×2=16

- (a) List out the organs of digestive system. Describe (2+2+4=8) the anatomy of the stomach with suitable labeled diagram.
- (b) Draw a labeled diagram of Uterus & explain (3+5=8) structure of uterus in brief.
- (c) Explain the property of cell in brief with suitable (3+5=8) labeled diagram.

2 (A) Write Short notes : (Any three)

15

- (a) Structure of Heart.
- (b) Briefly discuss Adrenalin gland.
- (c) Structure of Spinal cord.
- (d) Components of blood.
- (e) Cell division.

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|---|---|
| (B) Do as directed. | 6 |
| (a) Define cardiac cycle. | 1 |
| (b) Name the largest organ of the body. | 1 |
| (c) Name the cell which never regenerates after injury. | 1 |
| (d) Name the gland that produces melatonin. | 1 |
| (e) Any two differences between artery & vein. | 2 |

SECTION-11 (38 Marks)

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|----------|---|---------------|
| 1 | Write in details (Any three) | 7×3=21 |
| | (a) Explain the process of bone healing. | |
| | (b) Digestion & absorption of protein. | |
| | (c) Physiology of Respiration. | |
| | (d) Spleen. | |
| 2 | (A) Write Short notes : (Any two) | 10 |
| | (a) Testes. | |
| | (b) Function of skin. | |
| | (c) Functions of blood. | |
| | (B) Do as directed. | 7 |
| | (a) Define Anatomy. | 1 |
| | (b) List out any two accessory organ of digestive system. | 1 |
| | (c) List out any two organ of lymphatic system. | 1 |
| | (d) Write the main function of Insulin. | 1 |
| | (e) Define Diffusion. | 1 |
| | (f) Write the function of capillaries. | 1 |
| | (g) Define Cardiac Output. | 1 |