

NC-1806000601010001

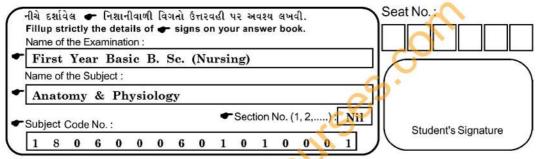
First Year Basic B. Sc. (Nursing) Examination December - 2021

Anatomy & Physiology

Time: 3 Hours [Total Marks: 75]

Instructions:

(1)



- (2) All the questions are compulsory.
- (3) Draw the diagram where ever is needed.

SECTION-1 (37 MARKS)

1 Write any two in details.

- $8 \times 2 = 16$
- (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.



	(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)			
1	Wri	te in details (Any three) 7×3=2	21
	(a)	Explain the process of bone healing.	
	(b)	Digestion & absorption of protein.	
	(c)	Physiology of Respiration.	
	(d)	Spleen.	
		25.	
2	(A)	Write Short notes: (Any two)	10
		(a) Testes.	
		(b) Function of skin.	
		(c) Functions of blood.	
	(T)		_
	(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
		per (5 data (2) per (2 pr 2	