

BRAINWARE UNIVERSITY

Term End Semester Examinations, July- 2024

Programme - Bachelor of Science in Nursing Course Name - Applied Anatomy and Applied Physiology Course Code - ANAT 105 & PHYS 110

		(Semester – I)		74 LDY-VII. 2 1042		
The	e allotted: 3 hrs. figure in the margin indicate	s full marks. Candidates	s are required to give the	Full Marks: 75 neir answers in their		
own book	words as far as practicable. 'let.]		n – A and Section –B	in separate Answer		
		Section – A				
	(Applied Anatomy)					
Se	Group lect the correct answer of t	- A (Multiple Choice he following :-	Question)	6 x 1 = 6		
Ider	ntify the position of forearms	in the anatomical posit	ion			
a.	Pronated	b.	Supinated			
c. Max	Mid prone kimum amount of air forcibly		None of these			
a.	Tidal Volume	b.	Inspiratory reserve v	rolume		
c. Mei	Vital Capacity ntion the following is NOT o	d. one of the four primary	Total lung Capacity test sensations.			
a.	Spice	b.	Sour			
c. The	Bitter auditory ossicles that is in di	d. rect contact with the tyr	Salty mpanic membrane is			
a.	Incus	b.	Stepes			
c. Tot	Malleus al number of vertebra is	d.	Semicircular canals			
a.	26	b.	25			
c. Vag	29 ginal Ph is	d.	27	Till Judy i Name keydd		
a.	2-3.5	b.	3.5-5			

1. i)

ii)

iii)

iv)

V)

vi)

C.

5-7

d.

7-9

	Group - B (Essay/	Long answ	ver type question)	1 x 10 = 10					
(Answer Any One Question)									
2.	Draw a neat labelled diagram showing parts of	stem.	[3+7=10]						
	Describe the microscopic structure of kidney.								
OR	Draw a labelled diagram of female reproductive	e system sl	nowing the parts,	[3 +7=10]					
	Group - C (Short a	nswer typ	e question)	3 x 5 = 15					
3. Write short notes (Answer Any Three Questions)									
a.	Oesophagus	[5]							
b.	Adrenal gland	[5]							
c.	Tracheo-broncheal tree	[5]							
d.	Heart valves			[5]					
	Group - D (Very sho	rt answer	type question)	3 x 2 = 6					
4	. Write in short (Answer Any Three Questions	s)		- Marie - 1					
a.	Pleura			[2]					
b.	Vital Capacity			[2]					
c.	Anaemia			[2]					
d.	Neurotransmitter	[2]							
Section – B									
	(Applied	Physiolo	gy)	Marks - 38					
	Group - A (Multiple	Choice Q	uestion)	7 x 1 = 7					
	Select the correct answer of the following:-								
i)	Renin is secreted by a. Juxta Gromerulus Cells	b.	Collecting duct						
	c. PCT	d.	DCT	300					
ii)	Absorption of the protein takes place in the -								
	a. Stomach	b.	Illium						
iii)	c. Duodenum & Jejunum Deficiency of vitamin c leads to	d	Large Intestine						
	a. Anemia	b.	Scurvy						
	c. Rickets	d.	None of these						

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iv)	The body system is involved in the removal of carbon	n dio	xide.	
	a. Respiratory system	b.	Digestive system	
v)	c Urinary system The blood vessel which carries blood into left atrium	d.	Reproductive system	
	a. Pulmonary veins	b.	Inferior Vena cava	
vi)	c. Superior vena cava Growth hormone is secreted from	d.	Pulmonary Artery	
	a. Anterior pituitary gland	ъ.	Pineal gland	
vii)	c. Thyroid gland Identify the hormone reaches it's peak in ovulation	d.	Pancreas	
	a. LH	b.	Progesterone	
	c. Oestrogen	d.	FSH	
	Group - B (Essay/ Long ar	iswe	r type question)	1 - 10 - 10
(Answer Any One Question)		type question)	$1 \times 10 = 10$
6.	Discuss the conduction system of the heart.	F1.07		
OR				[10] [10]
				[IO]
	Group - C (Short answer t	ype	question)	$3 \times 5 = 15$
7	. Write short notes (Answer Any Three Questions)			
a.	Gastric juice			[5]
b.	Epithelial tissue			[5]
c.	Chromosome			[5]
d.	Functions of vagus nerve			[5]
	Group - D (Very short ans	wer	type question)	$3 \times 2 = 6$
8.	Write in short (Answer Any Three Questions)			
a.	Rectus Abdominis muscle			[2]
b.	List down the functions of Mitochondria			[2]
.c.	Glycemic Index			[2]
d.	Plasma protein			[2]