Q.P. Code: 127007	Reg. No.:.			
First Professional BUMS Degree Supplementary Examinations December 2024 Munafeul Aza – Paper II (2022 Scheme)				
Time: 3 hrs  • Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space				
Answer all parts of a single question together • Leave sufficient space between answers				
Draw table/diagrams/flow charts wherever nee     Multiple Chains Quantings	cessary	(20×4-20)		
<ol> <li>Multiple Choice Questions         The Answers to MCQ questions (Q.No. i to 0)     </li> </ol>	∩ No. vv) shall he writ	(20x1=20)		
on the first two writing sheets (ie Page No.		iten continuously		
i. Brush Bordered Cells are present in	•			
a) PCT (Proximal Convoluted Tubule)				
b) DCT (Distal Convoluted Tubule)				
c) Collecting ducts				
d) Hair pin bend				
ii. Human renal tubule is:				
a) 100 mm in length	b) 60 mm in length			
c) 30 mm in length	d) 15 mm in length			
iii. In adult both kidney receives of blo				
a) 900 ml b) 100 ml	,	d) 1500 ml		
iv. In this part of renal tubule glucose is completely reabsorbed.				
a) Collecting ducts				
b) Hair pin bend				
c) DCT (Distal Convoluted Tubule)				
d) PCT (Proximal Convoluted Tubule)				
v. The interior of urinary bladder is lined by		alium		
a) Columnar epithelium	b) Squamous epithe	ellum		
<ul><li>c) Transitional epithelium</li><li>vi. The secretion of gland is not in ne</li></ul>	d) Goblet cell			
a) Sweat b) Mucus	c) Sebaceous	d) Evolid		
vii. Among the body tissues largest amount	,	, ,		
a) Blood	b) Skeletal muscle	y		
c) Subcutaneous tissue	d) Adipose tissue			
viii. Cell division occurs in layer of skir	, ,			
a) Germinativum b) Corneum		d) Granulosum		
ix. The amount of insensible perspiration is		,		
	c) 600-800 ml	d) 900-1000 ml		
x is related with temperature	regulation.			

xi. The Excitatory Neurotransmitter are all except:
a) Dopamine
b) Glutamic acid
c) Serotonin
d) Glycine

a) Eccrine sweat gland

c) Sebaceous

b) Apocrine sweat gland

d) Mucus

(PTO)

xii.	Automatic and associated movement is controlled by:			
	a) Thalamus		b) Basal ganglia	
	c) Hypothalamus		d) Pineal gland	
xiii.	Substania nigra prod	luces:		
	a) Acetylcholine		b) Dopamine	
	c) Epinephrine		d) Norepinephrine	
xiv.	The organ of Corti is	on the		
	a) Tympanic membra	ane	b) Basilar membrar	ne
	c) Reissner's membr		d) Tectorial membr	ane
XV.	Light with the greate	st frequency is	=	
	a) Violet		c) Green	d) Yellow
xvi.	In an extreme case	of diabetes insipidus	s maximum output o	of urine may be as
	high as:	•	·	-
	a) 20 liter	b) 40 liter	c) 60 liter	d) 80 liter
xvii.	Melatonin is a hormo	•	•	•
	a) Anterior pituitary	·	b) Posterior pituitar	У
	c) Hypothalamus		d) Pineal body	
xviii.	Vasopressin is synth	nesize in:		
	a) Posterior pituitary		b) Anterior pituitary	,
	c) Hypothalamic nuc	lei	d) Cerebral cortex	
xix.	Aldosterone controls	mineral metabolism	, it increases the rea	absorption of:
	a) NaCl		c) Potassium	
XX.	Secretion of	Gland stimulat	es the production	of lymphocytes in
	lymphoid tissue.		•	
	a) Thyroid	b) Thymus	c) Parathyroid	d) Pineal gland
Shor	t Answer Questions			(8x5=40)
	ile Salt.			(0,3-40)
	escribe transport of o	xvaen		
	xplain the structure of		naratus	
	efine and describe glo	= :		
	st down functions of			
	xplain olfactory pathw		ın	
	unctioning of neurotra	•		
	escribe ovulation.			
	Answer Questions			(4x10=40)
	escribe phases of Ga			
	xplain artificial respira			
	xplain Anterior Pituita			
13.D	escribe physiological	anatomy and function	ons of ovaries.	

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