First Professional BUMS Degree Regular Examinations July 2023 Munafeul Aza – Paper II (2022 Scheme)

Time: 3 hrs

Max Marks: 100

- 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 necessary
- 1. Multiple Choice Questions (20x1=20)The Answers to MCQ questions (Q.No. i to Q.No. xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only i. Glomerular filtration pressure is a) 15 mmHg b) 25 mmHg c) 35 mmHa d) 65 mmHg ii. The normal glomerular filtration rate is a) 20 ml/minute b) 50 ml/minute c) 125 ml/minute d) 300 ml/minute iii. Area cribrosa is the apex of the renal papilla. It opens directly into the b) Minor calvx c) Ureter d)Urinary bladder a) Maior calvx iv. Release of rennin probably depends on: a) Glomerular Filtration Rate b) Sympathetic nerve activity c) Para sympathetic nerve activity d) Both a & b v. nerve is also called nerve of micturition. a) Pudendal b) Sympathetic c) Parasympathetic d) Somatic vi. Keratohyalin granules are present in layer of Epidermis. a) Stratum Corneum b) Stratum Granulosum c) Stratum Lucidum d) Stratum Spinosum vii. Heat regulating centers lies in the b) Pons a) Medulla c) Midbrain d) Hypothalamus viii. Langerhans cells are present in of epidermis. a) Germinativum b) Corneum c) Spinosum d) Granulosum ix. is related with sweat gland. a) Ceruminal glands b) Glands of eyelid d) All of the above c) Mammary glands x. Temperature of intra-abdominal, intrathoracic and intracranial contents are called temperature. a) Core b) Shell c) Both (a) & (b) d) None xi. All are small molecules neurotransmitter except a) Dopamine b) Acetylcholine c) Epinephrine d) Enkephalin xii. This clinical condition is manifested with inability to perceive taste of a substance. a) Ageusia b) Hypogeusia c) Dysgeusia d) Taste blindness

xiii.		Anatomical division of cerebellum includes:			
		a) Anterior lobe		b) Posterior lobe	
		c) Flocculonodular lobe d) All of the above			
2	xiv.	A disorder of eye in which intraocular pressure is increased is:			
		a) Neurofibroma b)) Astigmatism	c) Myopia	d) Glaucoma
	XV.	The loss of sense of s			
		a) Anosmia b) Parosmia			d) Hyposmia
		Secretion of Parathormone is controlled by			
		a) Anterior pituitary b) Posterior pituitary			ry
		c) Blood calcium level d) Hypothalamus			
xvii.		Which of the following inhibits insulin secretion			
		a) Epinephrine		b) Glucagon	
		c) Vasopressin		d) Glucocorticoids	
X	VIII.	Average weight of pitu			d) 0 erree
	viv	, ,) 0.5 gm Loninhygia garahri	c) 1 gm	d) 2 gm
2	XIX.	a) Pituitary gland b) Hypothalamus			
		c) Pineal body		d) Thyroid gland	
XX.		Adreno Cortico Tropic Hormone secretion is inhibited by:			
		a) Anti-diuretic Hormone		b) Angiotensin	
		c) Cortisol		d) Epinephrine	
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Short Answer Questions (8x5=40					(8x5=40)
2.	2. Explain characteristics and composition of pancreatic juice.				
3. Write short note on respiratory unit.					
4. Describe the renal circulation.					
5. Write down reaction and specific gravity of urine.					
6. Explain structure of skin.					
7. Describe the different types of neurons and neuroglia.					
8. Classify and explain intraocular fluids.					
9. Describe regulation of testosterone secretion.					
Long Answer Questions					(4x10=40)
10. Explain regulation of secretion and functions of saliva.					· · ·
11. Describe gaseous exchange in lungs and tissues.					
12. Write detail note on Thyroid gland.					
13. Describe the menstrual cycle in detail.					
13. Describe lite mensilual cycle in uelan.					
