Q.P. Code: 126007 First Professional BUMS Degree Supplementary Examinations January 2024 Munafeul Aza – Paper I (2022 Scheme)

Time: 3 hrs

Max Marks: 100

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 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								
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) onlyi. The pH of ECF has to be maintained at the critical value of.								
Ι.	•			N 0				
	a) 7.4	b) 7.8	c) 7.9	d) 8				
11.	. These are the types of channels that open in the presence of some hormonal							
	substances.							
	a) Mechanically gated channels		b) Ligand-gated channels					
	c) lon channels d) Symporters . The cell membrane of muscle fiber is also called.							
III.								
њ <i>и</i>	a) Plasmalemma	,	c) Plasma layer	d) Sarcomere				
IV.	Final products of pro a) Amino acids	•	a) Dantida	d) Polypeptide				
v	,	b) Peptone	c) Peptide	d) Polypeptide				
۷.	Kidney maintained th a) Bicarbonate ion		•					
	/		b) Carbonic acid					
	c) Hydrogen ion d) Sodium chloride							
VI.	Presence of these granules gives a rough appearance to the rough							
	endoplasmic reticulu a) Protein molecule		h) Granular riboso	mos				
	,		b) Granular riboso	11165				
vii	c) Amino acid d) Nucleic acid These proteins help in the diffusion of water-soluble substances such as							
VII.	glucose and electroly							
	• •	les.	h) Poriphoral prot	vine				
	a) Integral proteins c) Channel proteins		b) Peripheral prote					
	, ,	hraak dawa tha fatt	d) Receptor protei					
VIII.	These cell organelles beta-oxidation.	s break down the fatt	ly acids by means o	r a process called				
			h) Colgi opporatur					
	a) Endoplasmic retic	ululli	b) Golgi apparatus					
iv	c) Mitochondria d) Peroxisomes							
IX.	Transitional epithelium is found in this region of the body. a) Urinary bladder b) Stomach c) Small intestine d) Skin							
v	, ,	b) Stomach	,	d) Skin				
Χ.	Hair, Nails, and hoof are the modified epithelium of this class.							
	a) Stratified squamous cornified epithelium b) Non-keratinized epithelium							
	,	pimenum						
	c) Adipose tissue							
	d) Ciliated epithelium Increase in the total count of RBC is called as							
XI.								
	a) Leukocytosis	b) Leukocytopenia	c) Anemia	d) Polycythemia (PTO)				

(PTO)

 a) Liver b) Spleen c) Membranous bone d) Vertebra xiii. Interleukin-1 is secreted by this type of WBCs. a) Neutrophil b) Moncoytes c) Basophils d) Lymphocytes xiv. These globulins play an important role in the defense mechanism of the body by acting as antibodies. a) Bete globulins b) Gamma globulins c) Delta globulins b) Gamma globulins c) Delta globulins d) None of the above xv. These WBCs are responsible for the defense mechanism of the body against parasites and parasitic worms. a) Neutrophil b) Basophil c) Lymphocyte d) Eosinophils xvi. Blood typing is done on the basis of a) Agglutination b) Hemolysis c) Clumping d) Coagulation of blood xviii. This type of immunity is mediated by antibodies, which are secreted by B lymphocytes. a) Acquired immunity d) Cal-mediated immunity c) Humoral immunity d) All of the above xviii. This type of reaction develops within a few minutes to hours of blood transfusion. a) Hemolytic transfusion reaction. b) Anaphylactic shock c) Allergic reactions d) Agglutinins c) Anaphylactic shock c) Allergic reactions d) Agglutinins c) Anglyduting b) Agglutinins c) Antibodies xx. In adult, plasma proteins are synthesized mainly from reticuloendothelial cells of a) Liver b) Bone marrow c) Spleen d) General tissue cells Short Answer Questions (ax5=40) 2. Write a short note on the bicarbonate buffer system. 3. ABO system of blood group. 4. Sequence of events in the intrinsic pathway of blood coagulation. 5. Write a note on sources of vitamin C. Daily dosage and deficiency signs. Lorg Answer	xii	After the age of 20 years RBCs are produced from						
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