1		
	fine anaemia. Describe the morphological classif	ication of anaemia.
Ad	d a note on Erythroblastosis foetalis.	(3+ 12 + 5 = 20 marks)
O2 Wr	rite short notes on :	(5 marks each = 20)
a.	Muscle proteins	201
b.	Functions of plasma proteins	
c.	Role of helper T- cells in immunity	The state of the s
d.	Neuromuscular junction	
Q3. M	ultiple choice questions	(Each question caries 1 mark: Total 10 marks)
,	Most abundant substance in a cell, next to wat	ter is:
	A) Glucose	B) Phospholipids
	C) Protein	D) Cholesterol
	Λ,	A character and a character an
b.	Maximum active tension in muscle is when mu	iscle:
	A) Length increases	B) Length Decreases
	 C) Not associated with length 	D) At optimum length
	Which ion is required in exocytosis?	
c.	-AY Ca2+ B) K+	C) Na+. D) Mg+
d.	The major lipoprotein source of the cholestero	l used in cells is:
٥.	A) Intermediate-density lipoproteins (IDI	B) Albumin-bound free fatty acids
	(C) Low-density lipoproteins (LDL)	D) High-density lipoproteins (HDL)
e.		Consenter potential
	A: Steady potential	B) Generator potential D) Spike potential
	C) Equilibrium potential	Dy Spine Potential
f.	Transcription refers to:	
	ALTE	a template for protein production
	(8) The process where a DNA sequence is o	opied into RNA for the purpose of gene expression opied into RNA for the purpose of gene expression
	C) The process where a DNA sequence is to	to cell division
	D) The process of replication of DNA prior	
	Fill in the blanks: Glycogen is a storage form of	glucose refers to the process of making glycogen
g.	and refers to the process of breakdow	vn of givcogen.
	A) Glycogenolysis, glycogenesis	B) diycolysis, giyeegement
	CY Gycolysis, glycogenolysis	D) Glycogenolysis, glycolysis
	G, c,	
h.	Which of the following is not a glial cell:	& Schwann cell
	A) Microglia	D) Oligodendroglia
	C) Astrocyte	Dioligocoloroge
i Pro	esence of Calcium on nerve membrane may pla	y a significant role in:
i. F10	A) Keeping Sodium gates closed	
	Croperation of sodium pump	D) Preventing Protein anions from going out
	All or none response in a nerve is present in:	the second secon
	A) Mixed nerve	B) Only in a sensory nerve
	C) Only in a motor nerves	DVA single nerve fibre

ABVMUUP?

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Firstr	anker's choice www.FirstR	anker.com	www.Firs	tRanker.com		
Q1: E	xplain the composition, functions and regula	tion of secretion of p		100		
A	dd a note on Pancreatic insufficiency.			(15 + 5 = 20 marks)		
Q 2: W	/rite short notes on-		(5)			
A)			(3)	marks each = 20 marks)		
B)	Hypoxia					
C)	Juxta Glomerular Apparatus (JGA)					
D)	Pulmonary Function Test (PFT)					
Q 3: M	ultiple Choice Questions:	. (Each	question carries	1 mark: total 10 marks)		
a.	Respiratory minute volume of lung is:					
	A) 6 liters	B) 4 liters	The state of the s			
	C) 1 liter	D) 0.5 liter				
b.	Fructose is absorbed from small intestine:					
	A) Simple diffusion	P 44 1 1	(B) Facilitated	diffusion-		
	C) Na+ dependent secondary active to	ransport	D) Through ca	irrier proteins		
				mer proteins		
c.	Which of the following statement regardi	ing gas solubility in p	lasma is correct	:		
-	(A)CO2 is more soluble than O2		B) O2 is more so			
	C) N2 is more soluble than O2		D) CO is more so			
	C) NZ IS MOTE SOLUTION OF		-,	Siddle triali 02		
- 2	Delta cells in stomach secrete: •		1.0			
d.		\B) Somatostatin				
	A) CCK	D) Secretin				
	C) Motilin	D) Secretin				
9	Pile solds are suptherized from:					
6.	Bile acids are synthesized from:	B) amino acids				
	C) bilirubin	D) protein				
	C) Distrabili	D) protein				
f.	Active reabsorption of glucose occurs in the	ne:				
	A) Proximal tubule	B) Distal tubule				
	C) Loop of Henle	C) Collecting du	rte .			
	cy coop of fieline	c) conecung du				
. 0	In upper singly obstruction all of the falle	ina shanasa asa sa	an EVCEDT			
g.	In upper airway obstruction all of the following changes are seen, EXCEPT. AXDecreased maximum breathing capacity ABY RV decreased					
	A Decreased maximum breathing cap			anacity.		
	C) Decreased FEV	D) L	ecreased vital o	apacity		
	Delandard day of the state of t					
h.	Principal site of absorption of Sodium is:	-1	d subudo			
	A) Loop of Henle (thick portion)	B) Distal convo				
	Proximal convoluted tubule	D) Pelvi-calycea	al junction			
· i.	By spirometry one CANNOT measure:					
	A) Tidal volume					
15	B) Residual volume			7 7 7 7		
	C) Vital capacity			1 1 1 1 1		
	D) Inspiratory reserve capacity					
1.	Glucose symport occurs with	The state of the s				
	NAME AND ADDRESS OF THE PARTY O					

B) Na+ D) Cl-

VAY Ca++

C) K+