Q.P. Code: 137005	Reg. No

First Professional B.S.M.S Degree Regular/Supplementary Examinations June 2024

(SIDUG-UV) - Uyir Vedhiyiyal (Bio Chemistry)

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(2021 Scheme)										
Time	e: 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 Multiple Choice Questions (20x1=20) 										
The	Answers to MCQ questions (Q.No	i to O No. xx) shall be written	continuously on the first two							
	ng sheets (ie Page No. 3 & 4) only		continuously on the mot two							
I.	Sulphur containing amino acid is		d) A							
::	a) Valine b) Leucine	e c) Methionine	d) Asparagine							
II.	RNA does not contain	h) Hydayy mathyl a	tacino							
	a) Phosphate	b) Hydoxy methyl cy	ytosine							
:::	c) AdenineThe non protein part in haloenzy	d) Uracil								
111.	a) Apoenzyme b) Substra		d) Coenzyme							
iv	Which enzyme is absent in adult	,	u) Coerizyirie							
17.	a) Pepsin b) Trypsin		d) Renin							
V	Lactose intolerance is due to the	, , , , , , , , , , , , , , , , , , , ,	d) Remi							
٧.	a) Amylase b) Maltase	•	d) Lactase							
vi.	Ketone bodies are synthesized i	,	u)							
• • •	a) Adipose tissue b) Liver	c) Muscles	d) Brain							
vii.	Cholesterol molecule has	,	,							
	a) 27 b) 21	<u>—</u> с) 15	d) 12							
viii.	Which of the following is a tricarl	ooxylic acid [°]	•							
	a) Acetic acid b) Succini		d) Citric acid							
ix.	Uric acid is the catabolic end pro									
	a) Porphyrine b) Purines	, ,	d) Pyridoxine							
Χ.	k. Pellagra is caused due to the deficiency of									
	a) Ascorbic acid	b) Pantothenic acid								
	c) Pyridoxine	d) Niacin								
XI.	Which is Cofactor for hexokinase		1) 0 -							
vii	a) Ca b) Mn Calorific value of fat is	c) Mg	d) Ca							
XII.	a) 4 b) 9	c) 1	d) 7							
xiii.	Pheochromacytoma is a tumor of		u) 1							
AIII.	a) Adrenal medulla b) Bone	c) Head of Pancrea	s d) Pituitary							
xiv. Excretion of glucose is known as		o a) i italiary								
/ V .	a) Glucosemia b) Galacto		d) Glycosuria							
XV.	The hormone measured in urine	•	,,							
a) Anterior pituitary luteinizing hormone b) Androgen										
	c) Progesterone	d) Choroinic gonado	otropin							

xvi.	Inflammation of pand a) Flatulence	creas is b) Steatorrhea	c) Peptic ulcer	d) Pancreatitis			
xvii.	Glycosylated hemoglobin (HbA1c) is increased in a) Sickle cell anemia b) Diabetes mellitus c) Thalassemias d) Porphyrias						
	Which type of blotting a) Southern Blotting c) Eastern blotting	,	b) Western blottingd) Northern blotting				
	reaction a) Annealing c) Denaturation What is the principal	-	b) Primer extension d) None of the above				
XX.	• •			d) Ma2+			
Sho	a) K+ rt Answer Questions	b) Na+	c) Ca2+	d) Mg2+ (8 x5=40)			
3110	IL Aliswei Questions	•		(0X3-40)	,		
3. E 4. V 5. E 6. C 7. E 8. D	Vrite note on functions Explain on active trans Vrite note on biosynth Explain caloric value of Eive an account on Pre Explain about essentia Oraw and explain struction on ATP	sport Carbohydrate lesis of ketone bodie of food stuff logesterone of fatty acid cture of DNA	es				
Lon	g Answer Questions	;		(4x10=40))		
11.E n 12.0	Oraw and explain on c Explain about biochem nedulla Give an account on bio Give an account on Liv	nical functions and d	•	ons of hormones of adrenal estations of sodium			