First Professional B.S.M.S Degree Supplementary Examinations December 2024

	Decem	iber 2024			
	Uyir Vedhiyiya	l (Bio Chemistry)			
	(2021 \$	Scheme)			
Time:	3 hrs	,	Max. Marks: 100		
•	Answer all questions to the point neatly and I answers • Indicate the question number con Answer all parts of a single question together Draw table/diagrams/flow charts wherever nealtiple Choice Questions	orrectly for the answer in the nr • Leave sufficient space betw	nk pages between nargin space		
	nswers to MCQ questions (Q.No. i to Q.No g sheets (ie Page No. 3 & 4) only	. xx) shall be written contin	uously on the first two		
	•	b) Glucose and glucose d) Glucose and lactose			
11.	·	c) Inositol	d) Serine		
iii.	What is a bond between amino acids cal	,	a) comio		
	a) Ionic bond b) Acidic bond	c) Peptide bond	d) Hydrogen bond		
iv.	stimulates the production of	gastric juice in the stomach)		
		c) Rennin	d) Digestin		
٧.	What is the enzyme that breaks down lac	ctose			
	, .	b) Pepsin			
	,	d) Lactase			
۷İ.	Which out of the following is not a flavop				
	,	b) Cytochrome c			
	c) Xanthine oxidase d) NADH dehydrogenase-Qreductase				
VII.	Loss of electrons can be termed as		N 5		
	,	c) Oxidation	d) Reduction		
VIII.	Which of the following are major sites for				
		c) Muscle and liver	d) Kidney and liver		
IX.	ix. Which of the following lipids act as lungs surfactants				
	, .	b) Phosphatidylethanolami	ne		
	,	d) Phosphatidylinositol			
Х.	Which of the following vitamin deficiency		al) Vitamaina D		
v.i	,	c) Vitamin B ₆	d) Vitamin B ₁₂		
XI.	Which one of the given options is the bes		d\ Ammle		
vii	, ,	c) Walnut	d) Apple		
XII.	lodine is a part of thyroid hormone and is				
xiii.	a) Goiterb) OsteoporosisWhich hormone stimulates synthesis of r	c) Muscle weakness	d) Diarrhea		
AIII.	•	b) Prolactin			
	,	d) Follicle stimulating horm	none		
viv					

xiv. In the regulation of blood pressure the prostaglandin acting as a

a) Vasoconstrictor b) Vasodialator c) Lower Blood Pressure d) Maintain Hemostasis

(PTO)

XV.	AIDS is			N 0 "		
xvi.	a) EndemicThe renal threshold	b) Epidemic I for alucose is	c) Pandemic	d) Sporadic		
	a) 180 mg/dl	b) 3 mg/dl	c) 10 mg /dl	d) 30 mg / dl		
XVII.		for bodys metabolism		ما/ ١٥١٥:		
vviii	a) KidneyThe polymerase ch	b) Liver	c) Stomach	d) Skin		
AVIII.	a) It is a DNA sequ		 b) It is a DNA degradation	technique		
	c) It is a DNA ampli		d) All of the above	tooriinquo		
xix.	DNA replication is	·	,			
	a) Conservative					
	b) Conservative ar					
	,	ive and discontinuou				
vv	,	ive and semi-discont de intracellular catior				
۸۸.	a) Na+	b) Ca+	c) Mg+	d) K+		
Short	Answer Questions	,	-,9	,	8x5=40)	
 Write about classification of enzymes Explain about the absorption of lipid Draw and explain urea cycle Explain about degradation of Purine Explain about basal metabolic rate Explain on the functions of Prostaglandins Detail about the glucose tolerance test Explain about polymerase chain reaction 						
Long	Answer Questions			(4:	x10=40)	
10.Explain in detail on electron transport chain 11.Give an account on biochemical functions and deficiency manifestations of Potassium 12.Explain about biochemical functions and deficiency manifestations of Thyroid hormones 13.Give an account on Kidney function test						