

ASSESSMENT MID TERM 2nd Year MBBS

05/06/2020

Total ma Time Allo		
Q No. . d. b.	Describe the mechanism of digestion and absorption of fat	(4) 3.5)
Q No. a. b.	What are uncouplers? Enlist various physiological and synthetic uncouplers with their mode of actions.	(4) (3.5)
Q No. a. b.	Draw citric acid cycle and show the entry points of glucogenic, ketogenic and both glucogenic and ketogenic amino acids	(4) (3.5)
Q No. <i>a</i> . b.	Write down the steps of glycolysis with enzymes and factors. How much net energy is liberated when glucose is converted to pyruvate?	(4) (3.5)
Q No. ! a. b.	Write down any four glycogen storage diseases with deficient enzymes and consequences.	(4) (3.5)
Q No. a. b.	Discuss the transport of ammonia from muscle to the liver up to the entry in the urea cycle	(4) (3.5)
Q No. . a. b.	Where does Urea cycle start? Draw urea cycle with all the enzymes involved in each step	(4) (3.5)
Q No.	A child is brought to you witn complaints of vomiting, mental retardation, ketosis and convulsions. The urine has a characteristic odour of Maple syrup. i. What is your diagnosis? ii. What is the cause? iii. What are the lab findings?	(1) (3) (2) (1.5)