

**Cont...**

**SECTION - B (35 Marks)**

Answer ALL questions  
ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Examine how Post prandial and Fasting blood glucose is regulated.	K3	CO1
		(OR)		
	11.b.	Sketch the Disorders of lipid metabolism.		
2	12.a.	Express the significance of Hypergammaglobulinaemia in clinical Practice.	K3	CO2
		(OR)		
	12.b.	Classify the types of plasma enzymes and predict the significance of enzyme Inhibition.		
3	13.a.	Analyze on biological functions of Kidney and constituents of urine.	K4	CO3
		(OR)		
	13.b.	Examine the biochemical abnormalities in hyper and hypouricaemia in clinical practice.		
4	14.a.	Outline the significance of Gastric function along with gastric acid and gastrin measurements.	K4	CO4
		(OR)		
	14.b.	Explain the regulation of thyroid hormone secretion.		
5	15.a.	Assess the role of pituitary hormones in female reproductive health and fertility.	K5	CO5
		(OR)		
	15.b.	Summarize the functions of mineralocorticoids and glucocorticoids.		

**SECTION - C (30 Marks)**

Answer ANY THREE questions  
ALL questions carry EQUAL Marks

(3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Interpret on Glucose tolerance test with the reasons for abnormal GTT and factors affecting it.	K4	CO1
2	17	Explore the diagnostic significance of ALT, AST and Acid Phosphatase levels in differentiating Systemic diseases.	K4	CO2
3	18	Outline about the various Renal function test in diagnosis of liver abnormalities.	K4	CO3
4	19	Evaluate on disorders of thyroid gland with biochemical changes, etiology and clinical feature in hypothyroidism and hyperthyroidism.	K5	CO4
5	20	Addison's disease can lead to adrenal crisis if untreated. Justify the significance of early recognition, biochemical tests, and hormone replacement therapy in preventing mortality.	K5	CO5

Z-Z-Z

END