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SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Question No.	Question	K Level	CO
11.a.	Illustrate the role of pancreatic enzymes in digestion.	K2	CO1
	(OR)		
11.b.	Explain the functions and clinical significance of gastrointestinal hormones – gastrin and secretin.		
12.a.	Deduce the physiology of olfaction and its clinical disorders.	K3	CO2
	(OR)		
12.b.	Identify and show the physiology of hunger and satiety.		
13.a.	Highlight the role of hormones of the adrenal gland.	K3	CO3
	(OR)		
13.b.	Construct the endocrine functions of the pancreas and its disorders.		
14.a.	Examine the effects of vitamin and trace element deficiencies on immune response.	K4	CO4
	(OR)		
14.b.	Analyse the structure and functions of immunoglobulins.		
15.a.	Survey the luminal and mucosal factors in drug-induced malnutrition.	K4	CO5
	(OR)		
15.b.	Analyze the physiological factors interfering drug action.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Question No.	Question	K Level	CO
16	Analyse the oxidative stress and the role of antioxidants in health and disease.	K4	CO1
17	Inspect about circadian rhythm and its physiological significance with examples.	K4	CO2
18	Discover the hormones of the thyroid and parathyroid glands – secretion, functions, regulation, and disorders.	K4	CO3
19	Examine about immune response – antigen, antibody, and their interactions.	K4	CO4
20	Conclude about absorption and biotransformation of drug.	K4	CO5

Z-Z-Z

END