

SECTION C			
Q. No.	Answer any SIX of the following. (6 x 5 = 30 marks)	CO	KL
31.	Discuss the characteristics of any two pharmacological aids with examples.	3	3
32.	Describe the causes, symptoms and treatment measures for AIDS.	3	3
33.	Explain the factors affecting the stability and storage of drugs.	3	3
34.	Discuss the structure and uses of morphine and pethadone.	3	3
35.	How are hormone and radioactive iodine therapy used in cancer treatment?	3	3
36.	Discuss the preparation and uses of aspirin and paracetamol.	3	3
37.	a) Differentiate between narcotic and non-narcotic drugs. (2) b) Define anti-pyretic and analgesic. (3)	3	3
SECTION D			
Q. No.	Answer any FOUR of the following. (4 x 5 = 20 marks)	CO	KL
38.	Discuss the structure and therapeutic uses of penicillin and streptomycin.	4	4
39.	Give an account of non-steroidal anti-inflammatory drugs.	4	4
40.	List out any three intermolecular bonding forces and their characteristics.	4	4
41.	What is ADMET? Discuss the ADMET properties of drugs.	4	4
42.	How are antimetabolites used in cancer therapy? Explain using fluorouracil as an example.	4	4
SECTION E			
Q. No.	Answer the following. (2 x 10 = 20 marks)	CO	KL
43.	Outline any four routes of drug administration. (OR) Discuss the causes, symptoms and treatment methods for a) Tuberculosis b) Covid-19	5	5
44.	a) Describe the different stages of anaesthesia. (6) b) Explain the use of cocaine and nitrous oxide as anaesthetics. (4) (OR) a) Discuss the types and causes of diabetes. (5) b) What are the different types of anaemia? Discuss the characteristics of anti-anaemic agents. (5)	5	5
