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M.Sc. (Pharmaceutical Chemistry) (Sem.–2) CHEMISTRY OF DRUGS-I Subject Code: MSPC-106 M.Code: 20507		
Time: 3 Hrs. Max. Marks: 80		
INSTRUCTION TO CANDIDATES: 1. Attempt any FIVE questions out of EIGHT questions. 2. Each question carries SIXTEEN marks.		
1.	Explain in brief:	
	a. Fat soluble vitamins	4
	b. SAR of benzodiazepines	4
	c. Biosynthesis and role of GABA	4
	d. Phase I metabolism	4
2.	Explain:	
	a. Contraceptives	5
	b. Local anaesthetics	5
	c. Structure, IUPAC name, synthesis of any one CNS depress	ant drug 6
3.	Give the classification, mechanism of action and clinical ap Write a short note on Antiulcer drugs.	oplications of sulphonamide. $(8 \times 2 = 16)$
4.	Define and Classify antihypertensive drugs with examples. On name, mode of action and synthesis of two drug form two class	*
5.	What are androgens? Briefly discuss the importance of and Classify the anti androgens. Outline the structure and synthesis	1 1 01

6. What is biochemical basis of diabetes? Give the cause, symptoms of type 1 and type 2 diabetes. Give a detail account on anti-diabetic drugs. (16)

7. Give a detailed account of antiparkinson drugs. (16)

8. Give the cause and symptoms of Epilepsy. Give detailed chemical and mechanism based classification of drugs used in its management. And discuss any two drugs in detail. (16)

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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