C.U.SHAH UNIVERSITY Winter Examination-2022

Subject Name : Pharmacology II-Theory

Subject Code : BP503T Branch: B.Pharm				
Semester: 5			Time: 02:30 To 05:30	Marks: 75
 Instructions: (1) Use of Programmable calculator & any other electronic instrument is prohibited. (2) Instructions written on main answer book are strictly to be obeyed. (3) Draw neat diagrams and figures (if necessary) at right places. (4) Assume suitable data if needed. 				
Q-1		Attempt the following questions:		(20)
	a) b) c) d) e) f) g) h) i) j)	 Explain 04 phases of cardiac action potential. Write the synthesis of prostaglandins and thromboxane. Explain mechanism of nitrates as anti-anginal drugs. Write 4 properties of ideal plasma volume expanders. Enlist the preparations of iron used as hematinic. Classify anti-hyperlipidemic agents writing one example in each class. Explain synthesis of thyroid hormones. Write 4 examples of drugs used in the treatment of gout. Enlist types of shock. Write name of 1 method of bioassay for digitalis, insulin, d-tubocurarine and oxytocin. 		
Q-2	A B	Attempt any two of following: Classify anti-hypertensive drugs. Explain Classify NSAIDs. Explain mechanism of		
	C	aspirin. Classify antidiabetic agents. Explain p enlist different preparations of insulin.	harmacological actions of insul	in and 10
Q-3	A B C D E F G H I	Attempt any Seven of following: Describe pharmacological actions of Hist Explain the role of calcium channel block Explain pharmacological actions, uses an Explain mechanism of action, uses and action Explain pharmacological actions and enlit Define Bioassay. Discuss principle and ty Write a note on hormonal contraceptives. Classify anticoagulants. Write mechanism Write a note on fibrinolytic agents.	ters in various cardiovascular dis d adverse effects of estrogens. dverse effects of thiazide diuretic st therapeutic uses of glucocortic /pes of Bioassay.	5 s. 5 costeroids. 5 5 5

