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GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. - SEMESTER - V • EXAMINATION - SUMMER 2013

Subject Code: 250005 Date: 14-06-20			
Time		me: Pharmacology - II) pm - 05.30 pm Total Marks: 80	
	2. Ma	tempt any five questions. ake suitable assumptions wherever necessary. gures to the right indicate full marks.	
Q.1	(a)	Classify antihypertensive drug. Write a note on drug acting on renin – angiotensin system.	00
	(b)	What are anticoagulants? Write source, pharmacokinetics, mode of action and uses of vitamin-K.	05
	(c)	Define anesthetics. Write a stage of general anesthesia.	05
Q.2	(a) (b) (c)	Define drug dependence. Note a factor involve in the drug dependence. Classify anti parkinsonian drug. Justify levodopa use with carbidopa. Discuss mechanism of action and therapeutic uses of following: 1. Digitalis 2. Simvastatin	06 05 05
Q.3	(a) (b) (c)	Describe pathophysiology of arrhythmia. Write note on quinidine. Classify anti-psychotic drug. Write a note on clozapine. Describe type of angina. Write mechanism of action, pharmacokinetics, uses, side effects of one anti-anginal drug.	06 05 05
Q.4	(a) (b) (c)	Write note on high-ceiling diuretics. Classify NSAIDs. Write a note on aspirin. Discuss mechanism of action and therapeutic uses of following: 1. Risperidone 2. verapamil	06 05 05
Q.5	(a) (b) (c)	Differentiate heparin and warfarin. Write a note on fibrinolytic agents. Write a short note on CNS depressants. Event of platelet aggregation with the site of action of antiplatelet drugs.	06 05 05
Q. 6	(a) (b) (c)	Classify type of epilepsy. Describe mechanism of epilepsy. Pharmacology of ezetimib. Enumerates drugs used in bipolar disorder. Write a note on any one.	06 05 05
Q.7	(a)	Write note on: opioids analgesics.	00
	(b)	Pharmacological action of alcohol.	05
	(c)	Define gene therapy. Various application of gene therapy.	05