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GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharm. - SEMESTER - II • EXAMINATION - SUMMER • 2014

•			e: 2920106 Date: 29-05-2014	
_			ne: Applied Pharmacotherapeutics-I	
			pm - 05:30 pm Total Marks: 80	
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			empt any five questions.	
			ke suitable assumptions wherever necessary. Fires to the right indicate full marks.	
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Q.1		(a) (b)	Discuss general principles of diagnosis and treatment of epilepsy. Enlist and differentiate between positive and negative symptoms of schizophrenia.	06 05
		(c)	Explain trigger factors causing bronchial asthma.	05
Q.2		(a)	Discuss pathophysiology of angina pectoris and justify the use of nitrates in treatment of angina.	06
		(b)	Give clinical featurs and management of complications of peptic ulcer disease.	05
		(c)	Discuss therapeutic management of parkinson's disease.	05
Q.3		(a)	Discuss clinical presentation and diagnosis of diabetes mellitus.	06
		(b)	Give the etiology and explain pathophysiology of inflammatory bowel disease.	05
		(c)	Explain briefly clinical features and management of migraine.	05
Q.4		(a)	Diffrentiate between hepatitis A and hepatitis B and explain pathophysiology of hepatitis B.	06
		(b)	Explain the line of treatment for patients with insomnia.	05
	(c)	Explain cystic fibrosis and give its management.	05	
Q.5		(a)	Describe the clinical features of congestive cardiac failure and give tests for its diagnosis.	06
		(b)	Differentiate between typical and atypical antipsychtics.	05
		(c)	Write a short note on hypothyroidism.	05
Q. 6		(a)	Define hypertension and explain the management of hypertension during pregnancy and in patients suffering from diabetes mellitus.	06
		(b)	Classify oral hypoglycemic agents and explain mechanism of action of metformin and rosiglutazone.	05
		(c)	Define depression and discuss its management.	05
Q.7		(a) (b)	Define hyperlipidemia and discuss its pathophysiology. Give the mechanism of action, advantages and disadvantages of	06 05
		(0)	radio iodine in the treatment of hyperthyroidism.	US
		(c)	Write a short note on COPD.	05
