



U-4012

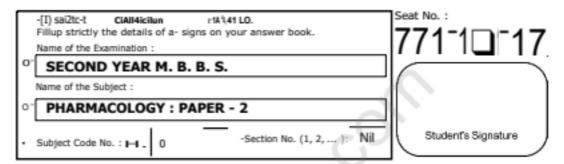
Second Year M. B. B. S. Examination January - 2012

Pharmacology : Paper - II

Time .2 from S	Time :2 Hours]	[Total Marks : 40
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Instructions:

(1)



- (2) Write to the point.
- Give suitable examples and draw diagrams if necessary.
- 1 Answer the following briefly :

- 9
- (i) By which mechanism aspirin act as an antiplatelet aggregatory agent?
- Explain redistribution of thiopentone sodium.
- (iii) Why oxytocin is used for induction of labour and not ergometrine?
- (iv) Name two drugs useful in treatment of neurocysticercosis.
- (v) What is recrudescence? How will you prevent it?
- (vi) Name four centrally acting skeletal muscle relaxants.
- (vii) Mention antidotes of Morphine and diazepam.
- (viii) Define MIC of antimicrobial agent. How is it derived ?
- (ix) What is the dosage of colchicine in acute gout ?

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2	Ansv	wer any three of the following:	9
	(i) W	hat is an anabolic steroid? Give their side effects and rational uses.	
		Enlist various antithyroid agents. Mention mechanism of action, advantages and disadvantages of 1311.	
	(iii)	Classify antipsychotics. Describe ADRs and uses of haloperidol.	
	(iv)	Which are various antidepressant? Mention mechanism of action, ADRs and uses of any one of them.	
	(v)	What is DNA recombinant technique? Describe various preparations of insulin with their advantages.	
3	Ansv	wer any four of the following:	12
	(i)	Enlist various antiparkinsonian drugs. Describe plan of therapy for elderly male patient of parkinsonism.	
	(ii)	Classify various drugs for malaria. Outline drug treatment for cerebral malaria.	
	(iii)	Enumerate various general anaesthetic agents. Compare and constrast nitrous oxide and halothane.	
	(iv)	Mention drugs useful in the treatment of enteric fever. Describe ADRs and uses of any two of them.	
	(v)	Which drugs are useful for leprosy? Describe ADRs and uses of each drug you mention.	
		and.	
4 Aı	iswer	any two of the following:	10
	(i)	Discuss therapeutic uses of glucocorticoids. Mention ADRs of prednisolone when used for long term therapy.	
		Describe various factors affecting choice of an antimicrobial agent.	
	(iii) (Classify antimicrobial agents according to their spectrum. Describe mechanism of action, uses and ADRs of gentamicin.	

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