


**P-4011**
**Second Year M. B. B. S. Examination**
**February - 2014**
**Pharmacology : Paper - I**

Time : Hours]

[Total Marks : 40

**Instructions :**

(1)

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Fillup strictly the details of O- signs on your answer book.	
Name of the Examination :	
O-	<b>SECOND YEAR M. B. B. S.</b>
Name of the Subject :	
O-	<b>PHARMACOLOGY : PAPER -1</b>
p- Subject Code No. : L11	0 [ ] -Section No. (1, 2, .. ) Nil

Seat No. :

**771-10-17**

Student's Signature

- (2) Answers must be brief, precise and to the point.
- (3) Always give suitable examples wherever needed.
- (4) Figures on right indicate the marks allotted to question.

- 1 Answer the following : (Attempt all) 9
  - (a) Mention the clinical status and limitations of streptokinase.
  - (b) Explain the pharmacological basis of use of adrenaline in anaphylactic shock.
  - (c) Explain briefly the difference between allergic and idiosyncratic reaction.
  - (d) Enumerate therapeutic uses of choline esters.
  - (e) Define : (i) Teratogenicity (ii) Phototoxicity.
  - (f) Explain briefly role of mucolytics in the treatment of cough.
  - (g) Explain briefly the limitations of nifedipine as an antihypertensive agent.
  - (h) Write briefly about xylometazoline.
  - (i) Explain why beta blocker should not be combined with verapamil.
- 2 Answer any three of the following : 9
  - (a) Describe the drug therapy of relapse of peptic ulcer.
  - (b) Describe the clinical uses of phenylephrine. Mention the mode of administration for each use.

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- (c) Describe the clinical uses of sodium nitroprusside. Mention the mode of administration and precaution required in its use.
- (d) Explain mechanism of action and adverse effects of thiazide diuretics.
- 3 Answer any **three** of the following : 12
- (a) Name four drugs for emesis that act by different mechanisms. Describe mechanism, uses and adverse effects of each.
- (b) Describe with preferred agent the clinical uses of prostaglandin analogues.
- (c) Enumerate two first generation and two second generation antihistaminics. Describe merits and demerits of second generation antihistaminics.
- (d) Write a brief note on each of the following :
- (i) Salmeterol
  - (ii) Iron sucrose
  - (iii) Warfarin
  - (iv) Lepirudin.
- 4 Answer any two of the following : 10
- (a) Enumerate five commonly used drugs from different groups for treatment of congestive cardiac failure. Justify use of each drug for the same.
- (b) Classify atropine substitutes and/or derivatives and describe their therapeutic uses.
- (c) Describe with suitable examples the pharmacokinetic and pharmacodynamic interactions.