



P-4012
Second Year M. B. B. S. Examination
February - 2014
Pharmacology : Paper - II

Time : Hours]

[Total Marks : 40

Instructions :

(1)

414 sai2tc-t CIAL41.1141 ICI vit r1A441 LO. Fillup strictly the details of 0- signs on your answer book. Name of the Examination : <div style="border: 1px solid black; padding: 2px; display: inline-block;"> SECOND YEAR M. B. B. S. </div>	
Name of the Subject : <div style="border: 1px solid black; padding: 2px; display: inline-block;"> PHARMACOLOGY : PAPER-2 </div>	
4p- Subject Code No. : LIIJ 0	-Section No. (1, 2, ..) Nil

Seat No. :

771-10-17

Student's Signature

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

1 Answer the following : (attempt all) 9

- (a) Justify use of ethanol in methanol poisoning.
- (b) What is a uricosuric agent ? Give two examples.
- (c) Explain why methadone is used in morphine dependence.
- (d) Name a drug that repletes hepatic glutathione. Mention with basis its clinical use.
- (e) Name with reason a fluoroquinolone not used for systemic infection and one not used for urinary tract infection.
- (f) Enumerate two short acting and two long acting insulin analogues.
- (g) Mention advantages of using carbidopa with levodopa for treatment of Parkinsonism.
- (h) Justify role of misoprostol in NSAID induced peptic ulcer.
- (i) Explain why oxytocin is used for induction of labour but not the ergometrine.

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[Contd...

- 2 Answer any three of the following : 9
- (a) Justify the use of each of the following combination :
(i) Trimethoprim sulphamethoxazole as antimicrobial agent.
(ii) Pyrimethamine + sulfadoxine as antimalarial agent.
- (b) Compare and contrast between penicillin G and amoxycillin.
- (c) Describe with preferred agent the clinical uses of benzothiazepines.
- (d) Describe briefly mechanism of action, merits and demerits of radioactive iodine.
- 3 Answer any three of the following : 12
- (a) Enlist commonly used selective serotonin reuptake inhibitors and their therapeutic uses. Describe briefly their merits and demerits as compared to tricyclic antidepressants.
- (b) Describe clinical uses, adverse effects and interactions of each of the following :
(i) Ciprofloxacin
(ii) Metronidazole.
- (c) Describe briefly the pharmacotherapy of typhoid fever.
- (d) Write a note on each of the following :
(i) Minipill
(ii) Ulipristal.
- 4 Answer any two of the following : 10
- (a) Enumerate five commonly used drugs for tonic-clonic seizures. Describe briefly the mechanism of action and adverse effects of each.
- (b) Describe the drug therapy of P-falciparum malaria.
- (c) Enumerate commonly used glucocorticoids. Describe principles of their use and their adverse effects.
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