



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

Time : Hours]

[Total Marks : 40

Instructions :

(1)

<p>नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : SECOND YEAR M. B. B. S.</p> <p>Name of the Subject : PHARMACOLOGY : PAPER-2</p> <p>Subject Code No. : 4 0 1 2 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
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- (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.

- 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 amoxicillin.
 - (c) Describe with preferred agent the clinical uses of benzodiazepines.
 - (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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