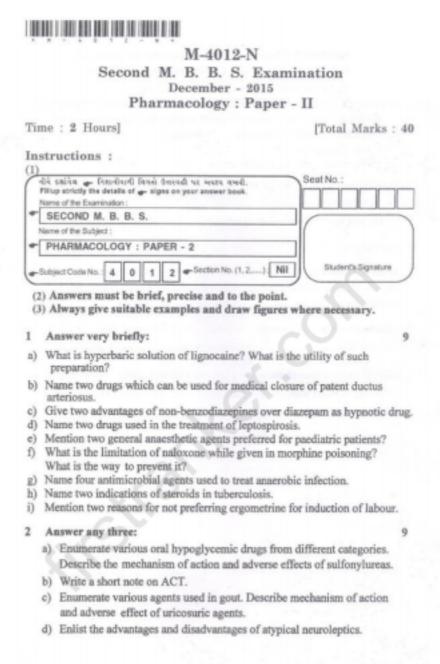


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12

- a) Enumerate various AMAs to treat gram +ve infection. Describe the mechanism of action and enlist the adverse effects of penicillin.
- b) Describe the treatment of methyl alcohol poisoning.
- Describe the pharmacological basis for the use of oestrogen-progesterone combination as oral contraceptive pills and mention its adverse effects.
- d) Describe in relation with parkinson's disease:
 - (1) on-off phenomenon
 - (2) levodopa-carbidopa combination
- e) Explain the pharmacological basis of use of
 - (i) morphine in acute LVF
 - (ii) methadone in morphine deaddiction

4 Answer any two:

10

- a) What is MDR-TB? Write down the general principles of treatment of MDR-TB and standardized RNTCP regimen for the same. Write the mechanism of action, adverse effects and uses of rifampin.
- Enumerate various drugs acting on glucocorticoid receptor. Describe the adverse effects and uses of the same with proper pharmacological basis.
- c) Classify general anaesthetic agents. Discuss critically about various factors affecting depth of anaesthesia. Your answer should include both inhalational and intravenous GA.



2

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