

University of Health Sciences, Karnataka

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- JUNE 2017

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Max. Marks: 100 Marks

Pharmacology - Paper I (RS2 & R53 SCHEME)**Q.P. CODE: 1085**

our answers should be specific to the questions: 10-s

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS**2 x 10 = 20 Marks**

1. Classify sympathomimetics. Describe the cardiovascular actions and therapeutic uses of adrenaline.
2. Classify antiepileptic drugs. Describe mechanism of action, therapeutic uses and adverse effects of phenytoin sodium. Mention newer antiepileptic drugs.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Enzyme induction and its clinical significance
4. Transdermal route of drug administration
5. Treatment of Organophosphorus poisoning
6. Uses of alpha adrenergic blockers
7. Mechanism of action, therapeutic uses and adverse effects of Ramipril
8. Mechanism of action and therapeutic uses of Furosemide
9. Fibrinolytic drugs
10. Therapeutic uses and adverse effects of morphine
11. Clonidine
12. Factors modifying drug action

SHORT ANSWERS**x 3 = 30 Marks**

13. Three differences between Barbiturates and Benzodiazepines
14. Succinyl choline
15. Atropine substitutes
16. Mention six uses of anti-platelet drugs.
17. Name three uses of verapamil.
18. Treatment of paracetamol poisoning
19. Explain the pharmacological basis for combining Carbidopa with Levodopa.
20. Six uses of centrally acting muscle relaxants
21. Rosuvastatin
22. Treatment of cardiogenic shock