

QP Code:201001

Reg. No.:

Second Professional MBBS Degree Examinations February 2019

Pharmacology - Paper I

(Model Question Paper)

Time: 2 hrs

Max marks: 40

- **Answer all questions.**
- **Draw diagrams wherever necessary**

Essays: (2x6=12)

1. Enumerate four groups of antihypertensive with one example for each. Mention four drugs safe for use in pregnancy. Describe the pharmacological action, adverse effects and drug interaction of any one antihypertensive (2+2+2)
2. Read the clinical problem and answer the following questions: Ramesh, 28 years was administered an injection of adrenaline with lignocaine at base of his thumb for nail extraction. Later he developed severe gangrene of thumb: (1+2+2+1)
 - Why has gangrene developed and how could this have been avoided.
 - Mention the mechanism and pharmacological actions of adrenaline and lignocaine
 - List two other surface anaesthetics and mention their adverse effects
 - Mention the cardiac use of lignocaine with dose and rationale.

Short notes: (5x3=15)

3. Succinylcholine
4. Teratogenicity
5. Ketamine
6. Chlorpromazine
7. Cardiogenic shock

Write the Pharmacological basis for the use of: (3x1=3)

8. Sumatriptan in acute attack of migraine
9. Neostigmine in Myasthenia gravis
10. Aspirin in Post Myocardial infarction patient

Write two uses and two adverse effects of the following drugs: (3x1=3)

11. Lithium
12. Digoxin
13. Heparin

Choose the appropriate drug and Justify: (2x1=2)

14. Diazepam / Alprazolam in depressed person with anxiety
15. Atropine / Phenyl ephrine for Fundoscopy in elderly person

Name the following (Two examples for each): (5x1=5)

16. Drugs used in Grandmal epilepsy
17. Fibrinolytic drugs
18. Potassium sparing Diuretics
19. Drugs for pre anaesthetic medication
20. Drugs for allergic bronchial asthma
