

Q.P. Code: 201001

Reg. no.:

**Second Professional MBBS Degree Supplementary Examinations
July 2018**

Pharmacology- Paper I

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

(2x6=12)

Essays:

1. Define a receptor. Discuss the various transducer mechanisms by which the receptors act. (1+5)
2. 50 years old Ramesh, type I diabetic on insulin developed hypertension. He was given a prescription with propranolol. Answer the following.
 - Is the use of propranolol justified.
 - What should be the line of management.
 - What is the role of propranolol in myocardial infarction. (2+2+2)

(5x3=15)

Short notes:

3. Prophylaxis of migraine
4. Spironolactone
5. Losartan
6. Pre anesthetic medication
7. Uses of prostaglandins

(5x1=5)

Answer briefly:

8. Rationale for use of dantrolene sodium in malignant hypertension
9. Rationale for use of pilocarpine in glaucoma
10. Rationale for use of prazosin in benign prostatic hyperplasia
11. Rationale for use of methadone in morphine dependence therapy
12. Inodilators

(8x1=8)

Name two drugs:

13. Oral anticoagulants
14. Calcium channel blockers
15. COMT inhibitors
16. Selective serotonin reuptake inhibitors (SSRI)
17. Competitive neuromuscular blockers
18. Uricosuric agent
19. Mucolytics
20. Beta 2 sympathomimetic drugs
