

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

Essays: (2x6=12)

1. Define a receptor. Discuss the various transducer mechanisms by which the receptors act. (1+5)
2. What should be the line of management of hypertension in this patient

(2+2+2)

Short notes: (5x3=15)

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

Answer briefly: (5x1=5)

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

Name two drugs: (8x1=8)

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
