

**Q.P. Code: 201001**

**Reg. no.:** .....

Second Professional MBBS Degree Supplementary Examinations,  
September 2014

**Pharmacology- Paper I**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essays:**

**(2x6=12)**

1. Classify beta blockers with one example for each. Mention the therapeutic uses and adverse effects of propranolol (2+2+2=6)
2. Read the case history and answer the following questions. Mr. George aged 45 years was on maintenance dose of warfarin 5 mg /day for his ischaemic heart disease. Subsequently he developed joint pains for which he was administered tab. aspirin 300mg thrice daily after food. One week later he was brought to casualty in a state of shock due to severe haemetemesis.
  - How will you explain haemetemesis in this patient.
  - How it could have been prevented.
  - How will you treat the present emergency (2+2+2=6)

**Short notes:**

**(5x3=15)**

3. Propofol
4. Dopamine
5. Ramipril
6. Treatment of organophosphorous poisoning
7. Mention SSRI and its advantages.

**Answer briefly:**

**(5x1=5)**

8. Rationale for the use of adrenaline along with local anesthetics.
9. Two uses and two adverse effects of calcium channel blockers.
10. Mechanism of action of dantrolene sodium.
11. Rationale for the use of nitrates in angina pectoris.
12. Chemical antagonism with one example.

**Name two drugs:**

**(8x1=8)**

13. Drugs administered by inhalation route.
14. Anaphylactic shock.
15. Hypertensive emergencies.
16. Pre-anesthetic medication
17. Treatment of migraine.
18. Supra ventricular tachycardia.
19. Benign prostatic hypertrophy.
20. Cerebral edema.

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