

Q.P. Code: 201001

Reg. no.:

**Second Professional MBBS Degree Supplementary Examinations,
October 2016**

Pharmacology- Paper I

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x6=12)

1. Classify NSAIDs. Mention the therapeutic uses and adverse effects of salicylates. (2+2+2=6)
2. Read the case history and answer the following questions. A 25 years old man had a gradual onset of delusions and auditory hallucinations. He was taken to a psychiatrist who started him on tab. haloperidol 2mg twice daily. A few weeks later although he improved clinically he developed stiffness and rigidity of upper and lower limbs.
 - Comment on the response of the patient to haloperidol.
 - Outline the further line of management.
 - Name two atypical antipsychotics. (2+2+2=6)

Short notes:

(5x3=15)

3. Carvedilol
4. COMT inhibitors.
5. Therapeutic uses and adverse effects of atropine.
6. Furosemide.
7. First pass metabolism.

Answer briefly:

(5x1=5)

8. Rationale for the use of glycopyrrolate in pre-anesthetic medication.
9. Mechanism of action of pancuronium.
10. New drug delivery systems.
11. Two uses and two adverse effects of morphine.
12. Young's formula.

Name two drugs:

(8x1=8)

13. Status epilepticus.
14. Febrile convulsions in a child aged six years.
15. Drugs used in myasthenia gravis.
16. Acute myocardial infarction.
17. Congestive cardiac failure.
18. Iron deficiency anemia.
19. Motion sickness.
20. Acute severe asthma.
