

S.S. Institute of medical Sciences & Research Centre, Davangere
Department of Pharmacology
I Internal examination- July 2013

Max. Marks: 60

Long essay

2 X 10= 20

Q1. Define bioavailability. Explain the various factors affecting bioavailability. 2+8=10

Q2. Classify beta blockers. Explain the therapeutic uses and adverse effects of beta blockers. 3 + 4+3=10

Short essay

5 X 5 =25

Q3. Drug antagonism

Q4. Nasal decongestants

Q5. Pilocarpine

Q6. Atropine substitutes used in the eye

Q7. Uses and adverse effects of nitrates

Short answer

5 X3=15

Q8. First dose phenomenon

Q9. Tachyphylaxis

Q10. Therapeutic index

Q11. Zero order kinetics of elimination

Q12. Clinical importance of microsomal enzyme induction

IIIrd INTERNAL ASSESSMENT EXAMINATION

Time : Three Hours

Max marks : 100

I. Long Essays.

10 X 2 = 20

- 1) Classify sedative hypnotics. Describe the actions and uses of diazepam. Add a note on newer anxiolytics..
- 2) Classify penicillins. Describe the antibacterial spectrum, adverse effects and uses of benzyl penicillin.

II. Short Essays.

10 X 5 = 50

- 3) Sources of drugs.
- 4) Nasal decongestants.
- 5) Thiazide diuretics.
- 6) Clinical trials.
- 7) Amlodipine.
- 8) Lignocaine.
- 9) Stimulant purgatives.
- 10) Salbutamol.
- 11) Management of diabetic ketoacidosis.
- 12) Fluconazole

III. Short answers.

03 X 5 = 15

- 13) Name three anti-HIV drugs and three adverse effects of them.
- 14) Therapeutic index.
- 15) Succinylcholine apnoea.
- 16) Uses of adrenaline.
- 17) Three prostaglandin analogues and their uses.
- 18) Three uses and three specific adverse effects of rifampicin.
- 19) Uses of methotrexate.
- 20) Rationale of combining estrogen with progesterone in OCPs.
- 21) Radio-iodine.
- 22) Three antihelminthic drugs with their specific indications.