

Total No. of Questions : 6]

SEAT No. :

P3164

[Total No. of Pages : 2

[5245]-504

Third Year B. Pharmacy (Semester - V)

3.5.4. PHARMACOLOGY - II

(2013 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Answers to the two sections should be written in separate answer books.*
- 3) *Neat labelled diagrams must be drawn wherever necessary.*
- 4) *Figures to the right indicate full marks.*

SECTION - I

Q1) Define anticholinesterase agents. Classify anticholinesterase agents with suitable example. Explain pharmacology of Anticholinesterase and Organophosphorous poisoning and its treatment. **[10]**

OR

Define Adrenergic drugs. Classify adrenergic drugs with suitable example on the basis of their therapeutic uses. Explain in detail pharmacological action of Adrenaline.

Q2) Answer the following (Any Five) **[15]**

- a) Differentiate Parasympathetic and Sympathetic nervous system.
- b) Classify Adrenergic receptor with their site or location.
- c) Define the following terms :
 - i) Miosis
 - ii) Mydriasis
 - iii) Glaucoma
- d) Classify anticholinergic drugs with suitable example.
- e) Classify cholinergic drugs with suitable example.
- f) Comment on succinyl choline is depolarising blocker.
- g) Explain biosynthesis of Adrenaline.

P.T.O.

Q3) Write a short note on (Any Two) [10]

- a) Skeletal muscle relaxant.
- b) Antimuscarinic poisoning and its treatment.
- c) α - Blockers.
- d) Pharmacotherapy of glaucoma.

SECTION - II

Q4) Describe pharmacological actions of glucocorticoids. [10]

OR

What is mechanism of action, Pharmacological actions, adverse effects of sulphonylureas and add note on biosynthesis and storage of Insulin.

Q5) Attempt (Any Five) [15]

- a) Explain physiological actions of growth hormone.
- b) Explain physiological actions of ADH.
- c) Explain mechanism of action of oxytocin.
- d) Explain mechanism of action of Acarabose.
- e) Give Adverse effect of Insulin.
- f) Classify antithyroid drugs with example.
- g) Give the functions of various hormone.

Q6) Write a note on (Any Two) [10]

- a) Therapeutic effects of glucocorticoids.
- b) Antiandrogens.
- c) Calcitonin
- d) Mineralocorticoids.

