

1.(a) Classify receptors. Explain in detail about G-protein coupled receptor. (14)

OR

(b) Explain in detail about different routes of drug administration.

2.(a) Classify sympatholytics. Add a note on B-adrenergic blockers. (14)

OR

(b) Classify parasympathomimetic drugs. Write the pharmacological actions of Acetyl choline.

3.(a) Define epilepsy classify antiepileptic drugs. Write the mechanism of action, therapeutic uses and adverse effect of sodium valproate and clobazam? (2+4+4+4)

OR

(b) Classify antidepressant drugs write in detail the mechanism of action, therapeutic uses and adverse effect of SSRIs. (6+8)

4.(a) Classify anti hypertensive drugs. Explain the mechanism of action, adverse effects and therapeutic uses of Angiotensin Converting Enzyme inhibitors and blockers. (6+8)

OR

(b) What is bronchial asthma? Classify drugs used in treatment of Asthma and explain in detail any two drugs? (2+4+8)

5.(a) Classify Antiulcer agents. Write the mechanism of action, therapeutic uses and adverse effects of proton pump inhibitors and anti histamines. (14)

OR

(b) Write about antiemetics. (7)

(c) Write about Spiranalactone. (7)
