

(e) Discuss in brief the role of stable iodides in thyroid diseases.

(f) Classify antitubercular drugs. Enumerate the adverse drug reactions to 1st line of drugs.

6. Name two each : $\frac{1}{2} \times 8$

(a) Drugs to treat pseudomembranous colitis

(b) Angiogenesis inhibitors

(c) Cytotoxic drugs with high emetogenic potential

(d) Emergency contraceptive pill preparations

(e) Cancers against which combination OC pills have protective effects

(f) Conditions in which glucocorticoids are used as replacement therapy

(g) Drugs to treat lepra reaction

(h) Drugs (from different groups) used orally to treat dermatophytosis.

2021

PHARMACOLOGY

Paper — II

Full Marks : 40

Time : 2 hours

Answer all questions

The figures in the right-hand margin indicate marks

SECTION—A

Answer all questions

1. Enumerate the drugs used in heart failure. Explain the rationale of use of beta blockers in heart failure. 2 + 2
2. Answer the following : 2 × 6
 - (a) Differentiate between thiazides and loop diuretics.

- (b) Differentiate between warfarin and heparin.
- (c) Explain the therapeutic basis of use of combination of statins and ezetimibe in hyperlipidemia.
- (d) Discuss the role of dopamine in shock.
- (e) Explain the therapeutic basis of use of nitrates in angina.
- (f) Give a short note on desmopressin.
3. Name *two* each : $\frac{1}{2} \times 8$
- (a) Drugs that can be used in hypertensive emergencies
- (b) Drugs that oppose fibrinolysis
- (c) AV nodal blockers
- (d) K⁺ channel blockers used in therapy
- (e) Electrolyte changes that can promote digitalis toxicity
- (f) Clinical uses of Epoetin α , β

- (g) Retinoids used in acne vulgaris
- (h) Purinergic receptor blockers used as antiplatelets.

SECTION – B

Answer all questions

4. Enumerate the drugs used in type-2 diabetes mellitus. Explain their mechanisms of action in this condition in brief. $2 + 2$
5. Answer the following : 2×6
- (a) Discuss the toxicities that can occur with use of antibacterial agents.
- (b) Classify antiretroviral drugs. Give a note on their adverse drug reactions.
- (c) Discuss the role of primaquine as an antimalarial.
- (d) Explain the therapeutic basis of use of long acting GnRH-agonist in Carcinoma prostate.