

Enrollment No: _____ Exam Seat No: _____

C. U. SHAH UNIVERSITY

Winter Examination-2022

Subject Name: Pharmacology IV

Subject Code: 4PS07COL1

Semester: 7

Date: 24/11/2022

Branch: B.Pharm

Time: 11:00 To 02:00

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1 Attempt the following questions: (14)

- a) Example of natural mineralocorticoids. 1
- b) _____ is a used as abortifacient as per Medical Termination of Pregnancy Act. 1
- c) Testosterone is secreted by _____ cells of testes. 1
- d) Cushing's syndrome is the adverse effect of _____. 1
- e) Mechanism of action of desmopressin. 1
- f) Mention the conditions when Calcitonin administration are indicated. 1
- g) Aspirin at _____ dose produces anti-platelet action. 1
- h) Effect of minoxidil persists for more than 24 hrs due to its active metabolite _____. 1
- i) Write down the characteristic action of Tocolytics. 1
- j) _____ is a main target for prolactin? 1
- k) Give two examples of antiviral drug. 1
- l) Write the name of hormones produced by thyroid gland. 1
- m) Write down uses of Propylthiouracil. 1
- n) Examples of PPAR gamma agonist. 1

Attempt any four from Q-2 to Q-8:

Q-2 Attempt all questions (14)

- a) Write a note on Immunosuppressive agents. Explain any one details. (7)
- b) Short note on anti-emetics. (7)

Q-3 Write short notes: (14)

- a) Laxative and purgative. (4)
- b) Nitric oxide. (3)



- c) Expectorant (4)
d) Antacid. (3)
- Q-4 Attempt all questions (14)**
a) Write short note on synthesis, storage and secretion of thyroid hormones. Enlist anti-thyroid drugs. (7)
b) Explain anti-tussive agents. (7)
- Q-5 Attempt all questions (14)**
a) Define oral hypoglycemic agents. Classify them. Explain MoA and ADR of sulfonylurea. (7)
b) Pharmacological action and uses of androgens. (7)
- Q-6 Write down: (14)**
a) Pharmacological action of Insulin. (4)
b) MoA, Uses and ADR of Prednisolone. (3)
c) Note on Oral Contraceptives (4)
d) Therapeutic uses and ADR of Oxytocin. (3)
- Q-7 Attempt all questions (14)**
a) Pharmacology of Anti-tubercular drugs. Discuss in brief. (7)
b) Classify Anti-cancer drugs and explain Pharmacology of any one. (7)
- Q-8 Attempt all questions (14)**
a) Role of Parathormone, Calcitonin and Vit-D in regulation of Plasma Calcium level. (4)
b) Detail flow chart of endocrine system. (3)
c) Note on Anti-Fungal agents, classify them and write MoA, ADR and uses of any one. (7)

