

PARUL UNIVERSITY
FACULTY OF PHARMACY
Pharm. D Summer -2022 - 23 Examination

Year : 2

Subject Code: 08207206

Subject Name: Pharmacotherapeutics - I

Date: 13/04/2023

Time: 10:00am To 1:00pm

Total Marks: 70

Instructions

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Essay Type Questions. (any 2 out of 3) (15 Mark Each) (30)

1. a) Discuss management of asthma. Add a note on points to be considered for drug use in asthmatic patient with co-morbidities.
b) Elaborate the types of glaucoma. Discuss the pharmacotherapy of chronic glaucoma.
2. Describe the pathophysiology, diagnosis and treatment of congestive heart failure.
3. a) Define Diabetes. Give classification of Diabetes. Explain the management of Diabetes mellitus type 1.
b) Write a detailed note on points to be considered for drug use in pediatric patients.

Q.2 Short Essay Type Questions. (any 4 out of 5) (5 Mark Each) (20)

1. Elaborate the types a of angina pectoris. Discuss the role of nitrates in therapy.
2. Describe the mechanisms responsible for disturbance of cardiac rhythm.
3. Explain the types, etiology and diagnosis of COPD.
4. Discuss the pathophysiology and explain treatment plan of osteoporosis.
5. Define essential drug list? Discuss the role of pharmacist in ensuring rational use of drugs?

Q.3 Short Answers. (2 Mark Each) (20)

1. Give a comparative account of ACE inhibitors and Angiotensin receptor blockers.
2. Discuss the therapeutic use of statins with its possible adverse effects.
3. Draw a neat and labeled diagram of a normal ECG.
4. Write a brief note on oral contraceptives.
5. Discuss the pathogenesis of drug induced pulmonary disease.
6. Enlist the drug of choice with its dose for treating hypertension and DM type 2 in a pregnant women?
7. Write a note on hormone replacement therapy.
8. Discuss the symptoms and management of bacterial conjunctivitis.
9. Give at least four examples of irrational drug formulations with justification.
10. Explain the treatment guideline for Propylthiouracil in graves disease.