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B. Pharmacy (Fifth Semester) Examination, April-May 2021

(PCI Scheme)

(Pharmacy Branch)

PHARMACOLOGY-II

(Theory) (BP503T)

Time Allowed : Three hours

Maximum Marks : 75

Note : *Answer all questions from section-A. Attempt any two questions from section-B and seven question from section-C.*

Section-A **20×1=20**

(Objective Type Questions)

1. Choose the correct answer :

(i) Choose the derivative of the plant digitalis :

(a) Digoxin

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(b) Strophantin K

(c) Dobutamine

(d) Amrinone

(ii) This drug is a selective beta-1 agonist :

(a) Digoxin

(b) Dopamine

(c) Amrinone

(d) Dobutamine

(iii) Class-II antiarrhythmic drug is :

(a) Flecainide

(b) Lidocaine

(c) Verapamil

(d) Propranalol

(iv) Heparin is :

(a) Polysaccharide

(b) Mono saccharide

(c) Lipoprotein

(d) Ceramide

(v) Platelet aggregation is inhibited by :

(a) Clofibrate

(b) Aspirin

(c) Dipyridamol

(d) All of the above

(vi) Constipation is caused by all except :

(a) Morphine

(b) Codeine

(c) Verapamil

(d) Magnesium sulphate

(vii) Antidote for heparin is :

(a) Protamine

(b) Aspirin

(c) Desferrioxamine

(d) Dipiridamole

(viii) Drug of choice in acute myocardial infarction is :

(a) Morphine

(b) I.V. Heparin

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(c) Nitroglycerine

(d) Streptokinase

(ix) Which of the following drug is diuretic of high efficacy :

(a) Manitol

(b) Amiloride

(c) Xipamide

(d) Frusemide

(x) Which of the following drug is used as urinary antiseptic :

(a) Nitrofurantoin

(b) Indomethacin

(c) Demopression

(d) Chlorpropamide

(xi) Antidiuretics are the drug which have following action :

(a) Increase urine output

(b) Decrease urine output

(c) Stops urine formation

(d) Cause drowsiness

(xii) The potassium sparing diuretics includes :

(a) Spironolactone

(b) Amiloride

(c) Triamterene

(d) All the above

(xiii) Single dose NSAIDS drug is :

(a) Aspirin

(b) Diclofenac

(c) Piroxicam

(d) Naproxen

(xiv) Which of the following NSAIDs is an indole derivative :

(a) Ibuprofen

(b) Indomethacin

(c) Meclofenamic acid

(d) Diclofenac

(xv) Which of the following is orally effective :

(a) TSH

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(b) FSH

(c) Thyroxine

(d) Insulin

(xvi) Tamoxifen is :

(a) Antiprogestin

(b) Antiandrogen

(c) Antiestrogen

(d) Androgen

(xvii) The major natural progestin is :

(a) Estradiol

(b) Estron

(c) Progesterone

(d) Estiol

(xviii) Which of the following glucocorticoids is long-acting drug :

(a) Prednisolon

(b) Dexamethasone

(c) Triamcinolone

(d) All of the above

(xix) Biological assay are :

(a) Qualitative

(b) Quantitative

(c) Both (a) and (b)

(d) None of the above

(xx) Test organisms used for bioassay should :

(a) Bacteria

(b) Not be a pathogen

(c) Grow at all pH

(d) All of the above

Section-B **2×10=20**

Note : *Attempt any two questions out of 3 questions. Each question carries 10 marks.*

2. Define diuretics. Classify them with suitable examples. Explain the pharmacology of Furosemide.

3. What are NSAIDs drugs? Classify NSAIDs. Discuss their mechanism of action, uses and adverse effects of salicylates.

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4. Define hormones. Discuss the pharmacology of Parathyroid Hormone (PTH).

Section-C **7×5=35**

Note : *Attempt any* ***seven*** *questions out of nine questions. Each questions carries 5 marks.*

5. Define and classify antihypertensive drugs with suitable examples.

6. Discuss in detail congestive heart failure.

7. Define hypolipidemic. Classify them with pharmacology of lovastatin.

8. Explain anticoagulants and classify them with suitable example.

9. Write notes on plasma volume expanders.

10. Discuss in details Antigout drugs.

11. Describe classify and function of Autocoids.

12. Define & write a note on oral contraceptive.

13. Describe the bioassay of insulin.