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Code No. : 2606

PHARMACOLOGY

[Maximum Marks : 80]

Time : 3.00 Hours]

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NOTES:

- Attempt all questions.
- Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.
- Use of Pager and Mobile Phone by the students is not allowed.

PART - A

[6 × 5 = 30]

Attempt any six questions. All questions carry equal marks.

- Q1) Explain in detail the various routes of drug administration.
- Q2) What are NSAIDs? Classify them and give their indications and contra indications.
- Q3) Write in detail about pharmacology of anti-convulsant drugs.
- Q4) Classify Anti-hypertensive drugs and give mechanism of action of ACE inhibitors.
- Q5) Define and classify anti-ulcer drugs.
- Q6) Discuss in detail about oral hypoglycemic agents.
- Q7) Write a descriptive note on Anti-malarial agents.

PART - B

[10 × 3 = 30]

Attempt any ten questions. Each question carry equal marks.

- Q1) Define bioavailability. Enlist factors affecting bioavailability.
- Q2) Write a short note on Anti-cholinergic drugs.
- Q3) Give a brief note on General Anaesthetics.
- Q4) Give a brief account of pharmacology of β -blockers.
- Q5) What is CHF and classify CHF drugs.
- Q6) Give adverse effects and contraindications of Heparin.
- Q7) Write a short note on Expectorant.
- Q8) Write about Laxatives and Purgatives.
- Q9) Give a short note on High ceiling diuretics.
- Q10) Write about physiological and pathological role of corticosteroids.
- Q11) Give a short note on Penicillins.



PART - C

[20 × 1 = 20]

Attempt all the questions. Each question carry equal marks.

- Q1) Define the term 'Pharmacodynamics'.
- Q2) What do you mean by half-life of drug.
- Q3) Give examples of calcium channel blockers?
- Q4) Name any two drugs belongs to anti-adrenergic drugs.
- Q5) Give a name of drug used in Glaucoma.
- Q6) Enlist the stages of anaesthesia.
- Q7) Which of the following anti-anginal drug also acts as a local anaesthetic?
 - Quinidine
 - Procainamide
 - Lidocaine
 - Esmolol
- Q8) Following are examples of harmatunics except _____.
 - Iron
 - Folic acid
 - Vitamin B12
 - Human serum albumin

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Q9) Give two contraindication for treatment with anti-platelet agents.

Q10) Define Mydriatics.

Q11) Give examples of mucolytic agents.

Q12) Bulk laxatives are used in _____.

Q13) _____ is the sulfonyl urea derivative.

a) Metformin

c) Acarbose

b) Repaglinide

d) Tolbutamide

Q14) Triple response does not include _____

a) Flush

c) Wheal

b) Floar

d) Flare

Q15) Give two examples of antiviral drugs.

Q16) What is bacteriocidal effect?

Q17) Sulphonamide are structurally similar to _____.

Q18) Give examples of Aminoglycosides.

Q19) Define the term ED50.

Q20) Give an example of anti-arrhythmic drug.

(हिन्दी अनुवाद)