

Total No. of Questions: 3

Total No. of Printed Pages:2

Enrollment No.....



Faculty of Pharmacy  
End Sem Examination Dec 2024  
PY3CO20 Pharmacology -II

Programme: B. Pharm.

Branch/Specialisation: Pharmacy

**Duration: 3 Hrs.****Maximum Marks: 75**

Note: All questions are compulsory. Internal choices, if any, are indicated. Assume suitable data if necessary. Notations and symbols have their usual meaning.

		Marks	BL	PO	CO	PSO
Q.1	i. Define hemodynamic.	2	1	1	1	
	ii. Give names of four Anti-anginal drugs.	2	1	1	1	
	iii. What is cardiac arrhythmia?	2	1	1	1	
	iv. Write names of various shocks happens to human body.	2	1	1	1	
	v. What does autacoids mean?	2	1	1	2	
	vi. Antihistaminic drugs are used in which clinical indications.	2	1	1	2	
	vii. Give functions of anabolic steroids.	2	1	1	3	
	viii. Gigantism is defined as _____.	2	1	1	3	
	ix. Write functions glucagon.	2	1	1	3	
	x. What are the different types of bioassays?	2	1	1	4	
Q.2	Attempt any two:					
	i. Classify anti-hypertensive drugs with its pharmacological mechanism, uses and ADR of any two category.	10	4	1	1	
	ii. Write the classification of anticoagulants with MOA and ADR of any two category.	10	4	1	2	
	iii. (a) Give brief note on diuretics.	5	4	1	1	
	(b) Write classification of anti-hyperlipidaemic drugs.	5	4	1	1	

Q.3 Attempt any seven: Two questions from each section is compulsory.

## Section - A

i. Describe in detail about NSAIDs.	5	2	1	2
ii. Discuss the therapy of antirheumatic drugs.	5	2	1	2
iii. Elaborate the pharmacology of anti-gout drugs.	5	2	1	2

## Section - B

iv. Explain about the various drugs acting on the uterus.	5	2	1	3
v. Write note on corticosteroids.	5	1	1	3
vi. Discuss analogues and their inhibitors thyroid hormones.	5	2	1	3

## Section - C

vii. Write bioassay of oxytocin.	5	1	1	4
viii. Explain about oral hypoglycaemic agents.	5	2	1	4
ix. Give short note on parathormones and calcitonin.	5	1	1	4

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**Marking Scheme**  
**PY3CO20 (T) Pharmacology -II (T)**

- Q.1
- i) Define hemodynamic. 2  
Definition = 2 marks
  - ii) Give names of four Anti-anginal drugs. 2  
Four names = 0.5 mark each
  - iii) What is cardiac arrhythmia? 2  
Definition = 2 marks
  - iv) Write names of various shocks happens to human body. 2  
Four names = 0.5 mark each
  - v) What does autacoids mean? 2  
Definition = 2 marks
  - vi) Antihistaminic drugs are used in which clinical indications. 2  
clinical indications = 2 marks
  - vii) Give functions of anabolic steroids. 2  
Functions = 2 marks
  - viii) Gigantism is defined as ..... 2  
Definition = 2 marks
  - ix) Write functions glucagon. 2  
Functions = 2 marks
  - x) What are the different types of bioassays? 2  
Difference = 2 marks
- Q.2 Attempt any two:
- i. Classify anti-hypertensive drugs with its pharmacological mechanism, uses and ADR of any two category. 10  
Classification = 6 marks, mechanism and ADR of any two category = 2 marks each
  - ii. Write the classification of anticoagulants with MOA and ADR of any two category. 10  
Classification = 4 marks, MOA and ADR of any two category = 3 marks each
  - iii. (a) Give brief note on diuretics. 5  
Note = 5 marks

- (b) Write classification of anti-hyperlipidaemic drugs. 5  
 Classification = 5 marks

Q.3 Attempt any seven: Two questions from each section is compulsory.

Section - A

- i. Describe in details about NSAIDs. 5  
Description = 5 marks
- ii. Discuss the therapy of antirheumatic drugs. 5  
Discussion = 5 marks
- iii. Elaborate the pharmacology of anti-gout drugs. 5  
Elaboration = 5 marks

Section - B

- iv. Explain about the various drugs acting on the uterus. 5  
Explanation = 5 marks
- v. Write note on corticosteroids. 5  
Note = 5 marks
- vi. Discuss analogues and their inhibitors thyroid hormones. 5  
Discussion = 5 marks

Section - C

- vii. Bioassay of oxytocin = 5 marks 5
- viii. Explain about oral hypoglycaemic agents. 5  
Explanation = 5 marks
- ix. Give short note on parathormones and calcitonin. 5  
Note = 5 marks

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