

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

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

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
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- 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

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

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

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

5

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

Section - A

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

Section - B

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

Section - C

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