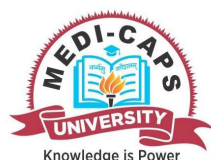


Total No. of Questions: 3

Total No. of Printed Pages: 2

[2]

Enrollment No.....



Faculty of Pharmacy  
End Sem (Even) Examination May-2022  
PY3CO24 Pharmacology -III

Programme: B. Pharma

Branch/Specialisation: Pharmacy

Duration: 3 Hrs.

Maximum Marks: 75

Note: All questions are compulsory. Internal choices, if any, are indicated.

- Q.1
- What are Nasal Decongestants? 2
  - What are Mast cell stabilizers? Give two example these drugs. 2
  - Write the definition of Chemotherapy. 2
  - Define Superinfection with one suitable example. 2
  - Define the DOT therapy and its pathological condition. 2
  - What is G6PD deficiency? 2
  - Describe the terms prophylactic and Anaphylactic therapy. 2
  - Define Biosimilars with one example drug. 2
  - Give specific symptoms of Morphine poisoning. 2
  - Chronopharmacology can be define as..... 2

- Q.2 Attempt any two:
- Classify Anti-asthmatic drugs with the Mode of action of Leucotriene and Anti-IgE. 10
  - Explain the general principle of chemotherapy. Write uses and ADR of penicillin. 10
  - (a) Give short note on Appetite stimulants and appetite suppressant with suitable example in each. 5  
(b) Describe mechanism of action of fluoroquinolins with its uses and ADR. 5

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

Section - A

- Classify Antitubercular drugs. Explain the mechanism and ADR of Rifampicin. 5

P.T.O.

- Discuss the Pharmacological classification of antiviral drugs with mode of action of any one antiviral drug. 5
- What are Antifungal drug? Write the mechanism, uses and ADR of Ketoconazole. 5

Section - B

- Explain the chemotherapy of malignancy. 5
- Write short note on Immunosuppressant with examples. 5
- Discuss the treatment and management of Urinary tract infections. 5

Section - C

- Write short note on Carcinogenicity and Teratogenicity. 5
- Define Poison. Describe general principle of treatment of poisoning. 5
- Discuss the various symptoms and treatment of Organophosphorus poisoning. 5

\*\*\*\*\*

**Marking Scheme**  
**PY3CO24 Pharmacology -III**

Q.1	i.	Definition of Nasal Decongestants	1 mark	<b>2</b>
		Name of two examples for each	0.5 mark	
	ii.	Definition of Mast cell stabilizers	1 mark	<b>2</b>
		Two examples drug for each	0.5 mark	
	iii.	Definition of Chemotherapy	1 mark	<b>2</b>
		Any example therapy	1 mark	
	iv.	Definition of Superinfection	1 mark	<b>2</b>
		Any example situation	1 mark	
	v.	Definition of DOT therapy	1 mark	<b>2</b>
		Name of two condition	1 mark	
Q.2	vi.	Definition of G6PD deficiency	1 mark	<b>2</b>
		Situation elaboration	1 mark	
	vii.	Prophylactic therapy	1 mark	<b>2</b>
		Anaphylactic therapy	1 mark	
	viii.	Definition of Biosimilars	1 mark	<b>2</b>
		Two examples drug for each	0.5 mark	
	ix.	Description	1 mark	<b>2</b>
		Any example	1 mark	
	x.	Definition of Chronopharmacology	2 marks	<b>2</b>
		Attempt any two:		
	i.	Any 5 Classification of Anti-asthamatic drugs	(1 mark * 5)	<b>10</b>
		Mode of action of Leucotriene	2.5 marks	
		Mode of action of Anti-IgE	2.5 marks	
	ii.	General principle of chemotherapy	6 marks	<b>10</b>
		Uses of penicillin	2 marks	
		ADR of penicillin	2 marks	
	iii.	(a) Note on Appetite stimulants with example	2.5 marks	<b>5</b>
		Note on appetite suppressant with example	2.5 marks	
		(b) Mechanism of action of fluoroquinolins	2 marks	<b>5</b>
		Its uses	1.5 marks	
		ADR	1.5 marks	

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

compulsory.

Section - A

i.	Classification of Antitubercular drugs	2.5 marks	<b>5</b>
	Mechanism of action	1.5 marks	
	ADR of Rifampicin	1 mark	
ii.	Pharmacological classification of antiviral drugs	3.5 marks	<b>5</b>
	Mode of action of any one antiviral drug	1.5 marks	
iii.	Antifungal drug	1 mark	<b>5</b>
	Mechanism of Ketoconazole	2 marks	
	Uses of Ketoconazole	1 mark	
	ADR of Ketoconazole	1 mark	

Section - B

iv.	Classification of chemotherapy of malignancy	3 marks	<b>5</b>
	ADR	2 mark	
v.	Description of Immunosuppressant	1 marks	<b>5</b>
	Classification	3 marks	
	Mechanism of any two drug	1 mark	
vi.	Treatment of Urinary tract infections	3 marks	<b>5</b>
	management of Urinary tract infections.	2 marks	

Section - C

vii.	Definition of each	(1.5*2) marks	<b>5</b>
	Examples of each	(1*2) mark	
viii.	Definition of Poison	1.5 marks	<b>5</b>
	Principles	3.5 mark	
ix.	Discuss the various symptoms and treatment of Organophosphorus poisoning.		<b>5</b>
	Symptoms	2 marks	
	Treatment	3 mark	

\*\*\*\*\*