Enrollment No: \_\_\_\_\_ Seat No: \_\_\_\_\_

## **PARUL UNIVERSITY**

## **FACULTY OF PHARMACY**

B. Pharm. Winter 2022 - 2023 Examination **Semester: 5** Date: 15/10/2022

**Subject Code: BP503T** Time: 10:00am to 1:00pm

Subject Name: Pharmacology-II **Total Marks: 75** 

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- 1. Figures to the right indicate maximum marks.

Q.1	Multiple Choice Questions (MCQs) (1 Mark F	Each)	(20)
1.	Which of the following is a Selective COX-2 in	nhibitor ?	
	a) Indomethacin	b) Meloxicam	
	c) Itoricoxibe	d) Mafenamic acid	
2.	Identify TNF-α inhibitor		
	a) Infliximab	b) Sulfasalazine	
	c)Anakinra	d) None of the above	
3.	Cyproheptadine is class of drug.		
	a) Histamine agonist	b) Histamine antagonist	
	c)5-HT agonist	d)5-HT antagonist	
4.	Calcium balance is maintained by		
	a)Thyroxine	b) Prolactin	
	c) Parathyroid hormone	d) None of the above	
5.	activates lipoprotein lipase.		
	a) Gemfibrozil	b) Bezafibrate	
	c)Fenofibrat	d)All of the above	
6.	The following substances are considered to be re	ferred to as eicosanoids	
	a) Prostaglandins	b)Leukotrienes	
	c)Thromboxanes	d) All of the above	
7.	Side effects of indometacin include the following		
	a) Trombocytopenia	b) confusion and depression	
	c) gastrointestinal hemorrhage	d) All of the above	
8.	The most important Indicator of mifepristone is	<u></u>	
	a) Endometriosis	b) Cushing's Syndrome	
	c) First term abortion	d) Second term abortion	
9.	Dry cough is a prominent side effect of	<del>.</del>	
	a) Vasodilators	b) ACE inhibitors	
	c) Calcium channel blockers	d) Beta blockers	
10.	All of these drugs are antiplatelet agents EXCEP	T:	
	a) Aspirin	b) Urokinase	
	c) Ticlopidine	d) Clopidogrel	
11.	Nicorandil is		
	a) Calcium channel opener	b) Calcium channel blocker	
	c) Potassium channel opener	d) Potassium channel blocker	
12.	Identify Carbonic anhydrase inhibitor		
	a) Eplerenone	b) Acetazolamide	
	c) Terlipressin	d)Cilnidipine	
13.	Pernicious anemia is developed due to deficiency	y of	
	a) Erythropoetin	b) Vitamin B12	
	c) Vitamin B6	d)Iron	
14.	Guinea pig is highly sensitive to which of the fol	lowing drug	
	a) Insulin	b) Histamine	
	c) Barium chloride	d) Acetylcholine	

15.	Which of the following substances is synthesized with	in vessel walls and inhibits thrombogenesis?				
	a) Thromboxane A2 (TXA2)	b) Prostacyclin (PGI2)				
	c) Prostaglandin ((PGE)	d) None of the above				
16.	Aliskiren is					
	a) Beta blocker	b) Direct renin inhibitor				
	c) Angiotensin receptor blocker	d) ACE inhibitor				
17.	Following drugs stimulate erythrogenesis EXCEPT					
	a) Folic acid	b) Methotrexate				
	c) Iron dextran	d) Vitamine B12				
18.	Mifepristone is					
	a) Prostaglandin analogue	b) Antiprogestin				
	c) Cardiac glycoside	d) All of the above				
19.	Ondansetron is receptor antagonist.					
	a) 5-HT <sub>1</sub>	b) 5-HT <sub>2</sub>				
	c) 5-HT <sub>3</sub>	d) 5-HT <sub>4</sub>				
20.	). Which of the following vasodilator has potential anti-alopecia activity?					
	a) Hydralazine	b) Sodium Nitroprusside				
	c) Minoxidil	d) Isosorbide Dinitrate				
Q.2	Long Answers (any 2 out of 3) (10 Mark Each)		(20)			
1.	Write down classification of oral hypoglycemic agents	and Explain about sulphonylureas &				
2	biguanides in detail.					
	Write down treatment of heart failure.					
3.	Write down synthesis, pharmacological actions and use	es of thyroid normone.				
Q.3	Short Answers (any 7 out of 9) (5 Mark Each)		(35)			
1.	Write in short about emergency contraceptive pill					
2.	Classify anti-arrhythmic drugs. Write any two class in detail.					
3.						
4.	Classify NSAIDs and describe in brief about advantages of COX-II inhibitors over COX-I.					
5.	Write down mechanism of actions of ACE Inhibitors antihypertensive agents.	and Calcium channel blockers as				
6.	Write a short note on Bioassay.					
7.	Write down pharmacotherapy of Gout.					
8.	Write in short about Thrombolytic drugs					
9.						
7.	Write down mechanism of action and fole of Statins as	Tryponpidaenne agents				