Seat No.:	Enrolment No.

**Subject Code: BP502TP** 

**Subject Name: Pharmacology II** 

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

B. Ph. - SEMESTER- V• EXAMINATION - WINTER-2021

I. Question No. 1 is compulsory.  II. Attempt any FOUR Questions from Question No. 2 to 7.  III. Make suitable assumptions wherever necessary.  IV. Figures to the right indicate full marks.  Q.1 Questions 16  1. Which of the following is INCORRECT for Warfarin:  A Oral anticoagulant B Interfere with hepatic synthesis of Vitamin K.  C Does not absorb orally D Require frequent blood test to individualize dose  2. Which of the following hormones is produced by the thyroid gland?  A Thyroxine B Thyroid-stimulating hormone  C Thyrotropin-releasing hormone D Thyroglobulin  3. Which of the following is characteristic action of Tocolytics  A Prevent uterine atony B Delay labor  C Induce labor D Control and prevent postpartum hemorrhage  4. Which of the following is HMG Co-A reductase inhibitor used to treat hyperlipidemia?  A Profibrate B Pravastatin  C Pralatrexate D Pralidoxime  5. Which of the following is a nonselective beta adrenoreceptor antagonist used in treatment of hypertension?  A Atenolol B Metoprolol  C Acebutolol D Propranolol  6. Which of the following biological agent is used in treatment of rheumatoid arthritis:  A Ibuprofen B Infliximab  C Ibutilide D Inamrinone  7. Which of the following is selective 5-HT3 antagonists that have shown remarkable efficacy in controlling nausea and vomiting:  A Clozapine B Risperidone  C Ergotamine D Ondansatron  8. Which of the following is INCORRECT statement with respect to cardiac glycoside?  A They act by inhibiting the activity of B They increase intracellular the Na+/K+-ATPase concentrations of calcium in myocytes  C Digoxin has a longer half-life than D They increase vagal tone digitoxin  9. Which of the following drug is/are characteristic Uricosuric agent:  I. Allopurinol II. Probenicid III. Sulfinpyrazole IV. Febuxostat A I and II D I and IV  10. Calcitonin administration are indicated for the following conditions, EXCEPT:  A Paget's disease B Hypercalcemia  C Osteoporosis D Hypophosphatemia	•	: 10:30	0am to 01:30pm		Total Marks: 80				
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A Paget's disease B Hypercalcemia	10	Col	citanin administration are indicated for t	he foll	owing conditions EYCEDT.				
• • • • • • • • • • • • • • • • • • • •	10.				_				
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Date: 15/12/2021

	11.	Wh	ich of the followi	ng organs is a main	target for	prolactin'?	
		A	Mammary glan	d	В	Adrenal cortex	
		C	Thyroid		D	Liver	
	12.			_ is a used as abort	ifacient as	per Medical Termination of	
		Pre	gnancy Act.				
		Α	Tamoxifen		В	Mifepristone	
		C	Metformin		D	Macimorelin	
	13.			_ is a Class IA anti	arrhythmic	agent:	
		A	Atenolol		В	Quinidine	
		C	Propranolol		D	Nifedipine	
	14.			vasodila	tor categor	ry of agent is used for the treatme	ent
		of e	mergency hyperto	ension.			
		A	Quinidine		В	Minoxidil	
		C	Propranolol		D	Verapamil	
	15.	Wh	ich of the followi	ng drug possesses s	ignificant.	Antidiuretic property?	
		A	Oxytocin		В	Vasopressin	
		C	Oxacarbazepine	e	D	Verapamil	
	16.	Wh	ich of the followi	ng is centrally actin	g antihype	ertensive agent?	
		A	Saralasin		В	Captopril	
		C	Clonidine		D	Nebivolol	
$\alpha$	(a)	CL	aggify Non staroi	dal anti inflammata	err oganta	Differentiate between COV1	6
Q.2	(a)					Differentiate between COX1	O
	(b)			rs with suitable exam	-	lookars with their machenism	_
	<b>(b)</b>		piani the theraped	une uses of carcium	i channel c	blockers with their mechanism	5
	(a)			of action phomeso	alrinatias	theremoutie uses and adverse	_
	(c)			-	okinetics,	therapeutic uses and adverse	5
		en	fects of nitroglyce	erin.			
Q.3	(a)	Classify Antiarrythmic agents. Write a note on Quinidine.					6
	<b>(b)</b>	$\mathbf{W}_{1}$	rite a note on plas	sma volume expand	ers.		5
	<b>(c)</b>	Di	fferentiate betwe	een Fibrinolytic a	nd anti-p	latelet agents with suitable	5
		exa	amples.	-	_	-	
0.4	(a)	CL	aggify antihymanl	inidamia aganta	Evaloia tl	no role of fibrates as lipid	4
Q.4	(a)			ipideinic agents.	expiaiii u	ne role of fibrates as lipid	6
	<b>(b)</b>		wering agent.	tiva Cardina Esi	lumo? Wm	ita mashanism of action	_
	<b>(b)</b>		_	tive Cardiac Fai			5
	(a)	-	_	tions and adverse ef		<u> </u>	_
	(c)			write mechanism o	action at	nd adverse effects of thiazide	5
		an	iretics.				
Q.5	(a)	Cla	assify antihyperte	ensive agents. Write	a note on .	ACE inhibitors.	6
	<b>(b)</b>	W	hat are autacoids?	Write a note on H <sub>1</sub>	receptor a	intagonists.	5
	(c)	Ex	plain in brief: Dis	sease modifying ant	irheumatic	drugs (DMARDs).	5
0 (		$C_1$	- : £ 1 1 1	1		N. M. G	
Q. 6	(a)			lycemic agents. Wri			6
	<b>(b)</b>		•	assay of vasopressir	-		5
	(c)				itonin and	Vitamin D in regulation of	5
		pla	ısma calcium leve	el.			
Q.7	(a)	W	hat are contracept	tives? Explain pharr	nacology o	of female oral contraceptives.	6
-	(b)		-	omboxanes inbibitor		1	
	(c)			ses and adverse effe		costeroids	5 5

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