

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
PARUL INSTITUTE OF PHARMACY AND RESEARCH
B. PHARM FIFTH SEMESTER

FIRST INTERNAL THEORY EXAMINATION: 2022-23

Subject Name: Pharmacology II

Date: 20/07/2022

Subject Code: BP503T

Time: 7.45 -9.00 am

Total Marks: 30

Instructions:

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

Q.1	Multiple Choice Questions:	Marks
(1)	Autacoids differ from hormones in that: (a) Autacoids are involved only in the causation of pathological states (b) Autacoids do not have a specific cell/tissue of origin (c) Autacoids generally act locally at the site of generation and release (d) Both 'B' and 'C' are correct	01
(2)	Histamine is involved as a mediator in the following pathological condition: (a) Delayed hypersensitivity reaction (b) Inflammation (c) Carcinoid syndrome (d) Carcinoid syndrome	01
(3)	High anticholinergic property is present in the following antihistaminic: (a) Diphenhydramine (b) Astemizole (c) Cetirizine (d) Terfenadine	01
(4)	The following 5-HT receptor is not a G protein coupled receptor: (a) 5-HT1 (b) 5-HT2 (c) 5-HT3 (d) 5-HT4	01
(5)	The following is a selective 5-HT1D receptor agonist: (a) Buspirone (b) Ondansetron (c) Sumatriptan (d) α -methyl 5-HT	01
(6)	The smooth muscle stimulating action of 5-HT is most marked in the: a) Bronchi (b) Intestines (c) Ureter (d) Biliary tract	01
(7)	Causes of anemia are _____ a) Decrease RBC production (b) Increase RBC production (c) Stem cell proliferation disturbance (d) all of the above	01
(8)	Requirement of folic acid in pregnant woman is _____ a) 3-5 mg/day (b) 1 gm/day (c) 0.1 mg/day (d) 0.3 mg/day	01
(9)	Under physiological conditions the rate limiting enzyme in the generation of angiotensin II is a) renin (b) Angiotensin converting enzyme (c) Aminopeptidase (d) none	01
(10)	The following drug can relieve symptoms of CHF but does not retard disease progression or prolong survival a) Digoxin (b) Carvediol (c) Spironolactone (d) Ramipril	01

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Q.2	Long Answers: (Any One)	
	1) Classify types of shock and write its respective management.	10
	2) Classify anti-hypertensive agents and detail about it.	10
Q.3	Short Answers: (Any Two)	
	1) Write a short note on 5-HT antagonists.	05
	2) Write the about the drugs used in the management of CHF.	05
	3) Write about H ₁ -antihistaminics.	05