Time:	e: 3Hrs.	Marks:75			
Q.1.	Choose an appropriate option for the follo	owing multiple choice based questions. (20M			
1	is a false neurotransmitter and potent v	vasoconstrictor			
a. Met	ethyldopa S	7. Z. Z. Z. Z.			
b. Clor	onidine				
	ethyl adrenaline				
	serpine				
2 is the phosphodiesterase 3 inhibitor used in congestive heart failure					
a. Minoxidil					
b. Milrinone					
c. Met	c. Methamphetamine				
	etoprolol				
3.	diuretic is preferred to be given with card	diac glycoside to reduce latter's toxicity			
a. Loop diuretics					
	tassium sparing				
	gh ceiling diuretics				
	iazide diuretics				
4 Nitr	trates are used as antianginal drugs as they can				
	duce preload				
	educe afterload				
	duce preload and afterload				
	duce preload and increase afterload				
u. Kcu	duce presond and merease arterioad				
5	is the most serious complication o	of anticoagulants			
a Hyn	pertension of the most serious complication of	of anticoagulants			
b. Blee					
c. Leth					
	somnia	T C C			
u. mso	Somma S				
6 Non	on haam iron is best absorbed in the	form			
a. Fe-	on-haem iron is best absorbed in the	_ 1011115			
b. Fe2-					
c. Fe3-					
d. Fe4-					
	sopressin-2 receptors are located primarily on nooth muscles				
b. Plate					
		Donlo			
	llecting duct of kidney and ascending loop of I	пеше			
d. Live		/ 			
8. Hyperkalemia due to potassium sparing diuretics would be exacerbated by					
com	mbining it with				
a. Carbonic anhydrase inhibitors					
	iazide diuretics				
c. Loop diuretics					
d. ACE inhibitors					
AV					

37808

Paper / Subject Code: 66113 / Pharmacology- II

9. Following are the action of Bradykinin EXCEPT
a. Bronchodilation
b. Vasodilation
c. Pain
d. Increase in vascular permeability
10. Among the disease-modifying antirheumatic medications, provides the fastest symptom alleviation.
a. Sulfasalazine
b. Hydroxychloroquine
c. Methotrexate
d. Auranofin
11. The following is a selective 5-HT1B/1D receptor agonist:
a. Buspirone
b. Ondansetron
c. Sumatriptan
d. α-methyl 5-HT
12 enzyme catalyses the conversion of arachidonic acid to prostaglandins
a. Lipoxygenase
b. Phospholipase A2
c. Cyclooxygenase-1
d. Cytochrome P450
13 is contraindicated in patients with a history of cardiovascular events.
a. Ibuprofen
b. Indomethacin
c. Diclofenac
d. Celecoxib
14 is the most appropriate initial oral agent for management of Type-2 diabetes
with no comorbid conditions.
a. Acarbose
b. Pioglitazone
c. Sitagliptin
d. Metformin
is used in obstetrics to stimulate uterine contraction and induce labor
a. Somatostatin
b. Oxytocin
c. Prolactin
d. Vasopressin
16 inhibits thyroid peroxidase which is required in intrathyroidal oxidation of
iodide.
a. Radioactive iodine
b. Thiocyanates
c. Propylthiouracil
d. Nitrates

3/808

Paper / Subject Code: 66113 / Pharmacology- II

17 is the naturally occurring female hormone.				
a. Mestranol				
b. Ethinylestradiol				
c. Estrone				
d. Diethylstilbestrol				
10 is an aughalia stansia				
18 is an anabolic steroid				
a. Oxymetholone	5, 2, 5			
b. Androstenedione				
c. Dydrogesterone	67			
d. Pitocin				
19. In developing males within the womb, the receptor cells in hypothalamus i	roopend to all			
EXCEPT	respond to an			
EACEP1 97 99 99 99				
a. Estrogen				
b. Androgen	\$6,			
c. Gonadotropins				
d. Testosterone				
d. Testosterone				
20. The is a type of biological variation in bioassay				
a. Lack of standardized procedure				
b. Calculative errors				
c. Loss of tissue sensitivity				
d. Improper dilutions of standard solution				
d. Improper dilutions of standard solution				
Q.2. Long Answers (Answer Any 2 out of 3)	(20M)			
	9			
1. Enlist antihyperlipidemic. Elaborate on mechanism of action and adverse ef	fect of each class			
2. Classify anti-platelet drugs. Give mechanism of action, uses and adverse en	ffects of non-selective			
irreversible COX inhibitor	freets of hon-selective			
Inteversible COX limitotto				
3. Classify antirheumatic drugs with examples and give a detailed account on	biological agents.			
	(2 F.) (C)			
Q.3.Short Answers (Answer 7 out of 9)	(35M)			
1. Explain in detail class I antiarrhythmics				
2. Comment on dihydropyridines as anti-anginal drugs.	40 2200			
3. Describe plasma volume expanders with examples and give an account on its uses.				
4. Give pharmacological actions of 5-HT				
5. Write a note on hormones regulating plasma calcium levels				
6. Give a detailed account on insulin secretagogues				
7. Discuss uses and adverse effects of systemic corticosteroids in detail				
8. Give a note on Oral contraceptives				
9. Discuss in detail bioassay of vasopressin **********************************				
desired and desire				

37808