\$6	(3 Hours) [Total Marks 75]
Q.1.	Choose an appropriate option for the following multiple choice based questions (20M
1,8	Digitalis increases force of contraction by
a	Accumulating potassium intracellularly
b	Enhancing opening of sodium potassium ATPase pump
c ,	Extruding calcium
d 🕸	Inhibiting sodium potassium ATPase pump
(2)	
2	The agents decrease cholesterol absorption and increase its excretion
a	Bile acid binding resins
b	Statins
c	Fibrates 5
d	PPAR agonists
. (
3	The class of drugs are the type of vasodilator
a	Calcium channel blocker
b	Sodium potassium ATPase pump
c	Vasopressin
d	Fibrates & Company of the Company of
4	Organic nitrates exert their action by
a	Phosphorylation of myosin light chain kinase
b,	Phosphorylation of myosin
c	Dephosphorylation of myosin light chain kinase
d	Dephosphorylation of myosin
Ŕ	
5 ×	is indicated in Diabetes insipidus
a	Thyroxine
b	Desmopressin
c	Bromocriptine & S & S & S & S & S & S & S & S & S &
do	Thyrotropin
6	The class of diuretics acts mainly on the collecting tubule
a	Potassium sparing diuretics
b	Thiazide diuretics
c	Osmotic diuretics
d	Loop diuretics
3	
1001	5 Page 1 of 4
) ^V	TEDERATE AND TERROR CONTROLS OF TRANS
	47ED582E013875C8B7E6BCCE6C57E920

Paper / Subject Code: 66113 / Pharmacology- II

K	7	promotes coagulation, thus indicated in haemorrhagic states
~ B)	a	Warfarin C S S S S S S S S S S S S S S S S S S
2/5	b S	Heparing A A A A A A A A A A A A A A A A A A A
	(c)	Menadione Menadione
, ST	d	Lepirudin C C C C C C C C C C C C C C C C C C C
S. S		
	8	Thrombolytic therapy is contraindicated in
N. C.	a	Acute myocardial infarction
	b	Deep vein thrombosis
Solar Solar	c	Pulmonary embolism
	d	Peptic ulcer A A A A A A A A A A A A A A A A A A A
	(43)V	
	9	Aspirin in low doses produces long lasting inhibition of platelet cyclooxygenase (COX)
	a	because: Platelets contain low quantity of COX
8	h W	Platelets cannot synthesize fresh COX
20 6	%	Platelets bind aspirin with high affinity
Co Kil	d	Platelet COX is inducible
635	u 🙏	
	10	Mechanism of action of colchicine is
	a	Inhibits gout inflammation, release of chemotactic factor and granulocyte migration
37	b	Inhibit absorption of calcium
	c	Reduced preload and afterload
	d	Inhibits platelet generation of thromboxane A2, resulting in an antithrombotic effect
St. C	P	
ST THE	11	Activation of H2 receptor results in
	a	Gastric acid secretion
	p	Smooth muscles contraction
40	c	Platelet aggregation
	d	Constrict cranial blood vessels
	Č.	
48	12	The class of drugs inhibit specific cytokines which play key role in inflammatory cascade of rheumatoid arthritis
3	a	Immunosuppressants
	b á	Immunomodulators
697	C	Biological TNF alpha inhibitors
36	d	Colchicine
60		
	^	
19X	3	
	1001	5 Page 2 of 4
Op. Do		47ED582E013875C8B7E6BCCE6C57E920
v	,	

Paper / Subject Code: 66113 / Pharmacology- II

	13	The COX-2 inhibitors exert action
á	S a	Gastric mucosal damage
2/50	b s	Lack cardioprotective effect
3	c	Inhibit platelet aggregation
. 27	d	Inhibit thromboxane A2
	14	is the radioactive isotope of Iodine used in the treatment of Hyperthyroidism
Z.E.	a	Iodine 135
~2 ₀ ,	b	Iodine 127
S. S.	c c	Jodine 129
	d	Iodine 131
26	160	
	ري 15 ا	is an insulin secretagogues
	a	Acarbose
6	b	Miglitol
20	83	Glimepiride Pioglitazone
	K) a	Piogitazone Company Co
	16	Somatostatin and its analogues are indicated in the treatment of
36/2	200	Addison's disease
401	a	Acromegaly
3		Prader-Willi syndrome
2975	d S	Turner syndrome
OF	2 17	The pharmacological action of oral contraceptives is mainly achieved by
	a	Suppression of fertility
290	b	Stimulation of fertility Stimulation of fertility
	C.	Increasing testosterone level
(E)	d	Inhibition of sperm transport
20	18	Hormone replacement therapy is useful in
150	a	Vaginal atrophy
8°	& b	Coronary heart disease
30	c	Glomerulonephritis
	d	COPD
36.	1,00°	
	30	
, distribution	á	
200	1001	Page 3 of 4
TEX.	Solvi,	
S. E	9	47ED582E013875C8B7E6BCCE6C57E920

Paper / Subject Code: 66113 / Pharmacology- II

. (
19	The hormone in males triggers sertoli cells to synthesize androgen bindin globulin (ABG)
a	Gonadotropin releasing hormone (GnRH)
b	Luteinizing hormone (LH)
C	Oxytocin
d	Follicle-stimulating hormone (FSH)
20	Estrogen basic mechanism of action is
a	To stimulation of glucose uptake
b	To regulate the development and function of the uterus
c	To stimulates the production of red blood cells
d	To regulate the glucocorticoid (steroid) hormone cortisol
20,	
(\$)	
Q.2	. Long answers (Answer any 2 questions out of 3 questions) (20M)
10	Classify antiarrthymic. Give detailed account on sodium channel blockers as antiarrthymic
	drugs, the strain of the strai
2	Define and classify anti-coagulants. Give mechanism of action, therapeutic uses and adverse effects of Coumarin anti-coagulants.
30	Give any two pharmacological uses of Angiotensin, Leukotrienes, Thromboxane, Substance P and Bradykinin.
,	
Q.3	. Short answers (Answer <u>any 7 questions</u> out of 9 questions) (35M)
10	Give detailed account on Statins in treatment of hyperlipidaemia.
2	Give mechanism of action of Thiazide and Loop diuretics.
3	Give a detailed account on Prostaglandins.
4	Discuss in detail 5-hydroxy tryptamine antagonists.
5	Give mechanism of action and adverse effects of Biguanides.
6	Classify Corticosteroids and discuss any one class in detail.
7	Write a note on growth hormone and its inhibitor.
8	Discuss in detail bioassay of oxytocin.
9,5	Write a short note on Anabolic steroids.
	Berger Files, Files of the later to the late
30	The British Care of the Care o
3	
100	15 Page 4 of 4
	47ED582E013875C8B7E6BCCE6C57E920

10015