	(3 Hours) [Total Marks: 75]
Q.1.	Choose an appropriate option for the following multiple choice based questions (20M)
1	The mechanism of action of phosphodiesterase III inhibitors is to
a	Inhibit degradation of cAMP to 5'-AMP
b	Degrade cAMP to 5'-AMP
c	Inhibit degradation of 5'-AMP to cAMP
d	Degrade 5'-AMP to cAMP
2	Therapeutic use of ACE inhibitors
a	Hyperlipidaemia
b	Hypertension S S S S S S S S S S S S S S S S S S S
c	Arrythmia & Arrythmia
d	Angina Angina
3	The drug act as a false neurotransmitter and used in treatment of hypertension
a	Simvastatin
b	Spironolactone
c	Digitalis
d	Methyldopa
4	The sodium channel blocker class that moderately delay channel recovery, supress
	conduction and prolongs refractoriness IA
a b	IB TO THE REPORT OF THE PARTY O
ט	IC F S S S S S S S S S S S S S S S S S S
4	Both IB and IC
d	Both 1B and IC
5	is a Coumarin anti-coagulant
a	Heparin Heparin
b o	Warfarin
c	Bivalirudin
d	Desirudin
u	Desirudin A A A A A A A A A A A A A A A A A A A
6	is a prodrug used in anti-platelet therapy
a	Streptokinase Streptokinase
b	Dipyridamole
c	Clopidogrel
d	Tranexamic acid
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7	Vasopressin analogues are contraindicated in patients suffering from
a	Hypertension
b	Haemophilia P
c	Diabetes insipidus
d	Bleeding oesophageal varices
8	Spironolactone, being a synthetic steroid has a potential to induce in margatients.
a	Glaucoma
b	Heart failure
c	Hypokalaemia
d	Gynecomastia
9	The following is a symptom of gout
a	Purple or red skin, swelling in joints
b	Muscle weakness, muscle aches or muscle cramps
c	breast tenderness or swelling
d	Bluish tone to the skin
10	is a cyclooxygenase irreversible inhibitor
a	Indomethacin
b	Piroxicam
c	Aspirin
d	Phenylbutazone
11	Among the disease modifying antirheumatic drugs, fastest symptom relief is obtained with
5 5	
a	Methotrexate
b	Sulfasalazine
C	Hydroxychloroquine
ď	Auranofin
12	NICATED about the avoided in the condition
12	NSAIDs should be avoided in condition
a	Urine infection Dishets multiple
b	Diabetes mellitus
c	Irritable bowel syndrome
d	COPD

13	Which of the following enzyme is essential for the conversion of histidine to histamine?
a	Histidine amylase
b	Histidine hydrolase
c	Histidine decarboxylase
d	Histidine phosphorylase
14	Thyroid hormones (T3 and T4) acts through
a	G-Protein coupled receptor
b	Nuclear receptor
c	Ion channel receptor
d	JAK-STAT binding receptor
15	is an insulin sensitizer
a	Acarbose
b	Miglitol
c	Glimepiride
d	Metformin
16	Secretion ofhormone is inhibited by action of dopamine at D2 receptors.
a	Prolactin
b	Corticotropin
C	Somatostatin
d	Gonadotropin
- á	
17	The drug used for cervical priming to facilitate labour is
a	Oxytocin
b	Stilboestrol
c	Progesterone
d	Prostaglandin E2
0	
18	High level of estrogen is responsible for
a	Increased risk of lung cancer
b	Increased risk of stomach cancer
C	Increased risk of breast cancer
d	Swelling in joints

19	The class of drug useful in treatment of prostatic hypertrophy
a	Alpha reductase inhibitor
b	Estrogen agonist
c	Progesterone antagonist
d	Phosphodiesterase inhibitors
20	A pregnant woman may experience an abortion if prostaglandin E2 (PGE2) is administered her. What is the best justification for this discovery?
a	PGE2 causes constriction of the arteries leading towards the placenta
b	PGE2 stimulates the release of oxytocin from the posterior pituitary
c	PGE2 strongly stimulates uterine contraction
d	PGE2 increases the secretion of progesterone from the corpus luteum
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0.2	. Long answers (Answer <u>any 2 questions</u> out of 3 questions) (20M)
1	Classify the antihyperlipidemic drugs and give example of each class. Give detailed mechanism of action and adverse effect of any two class.
2	Classify Diuretics giving example of each class. Give mechanism of action, uses and adverse effects of Loop diuretics.
3	Classify and discuss in detail disease modifying anti-rheumatoid drugs.
Q.3.	. Short answers (Answer <u>any 7 questions</u> out of 9 questions) (35M)
1	Write a note on Calcium channel blockers.
2	Discuss the detailed account of plasma volume expanders.
3	Classify anti-histaminic drugs. Differentiate between first and second generation anti-histaminics.
4	Enlist drugs used in chronic gout and discuss any one class in detail.
5	Give mechanism of action of Thiazolidinediones and DPP-4 inhibitors.
6	Give a detailed account on treatment of Thyrotoxicosis.
7	Write a note on Gonadotropin and Prolactin.
8	Discuss in details digitalis bioassay.
9	Write a short note on Oral contraceptives.
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