

Seat Number

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राई - 023

W-19

BP 503 T
Pharmacology-II
(735503)

P. Pages : 3

Time : Three Hours

Max. Marks : 75

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Figure to the right indicates full marks.

1. Multiple choice questions.

20

- 1) The non-glucoside positive inotropic drug is
 - a) Digoxin
 - b) Strophanthin k
 - c) Digitoxin
 - d) Dobutamine
- 2) Choose the derivatives of plant foxglove (Digitalis)
 - a) Strophanthin k
 - b) Dobutamine
 - c) Amrinone
 - d) Digoxin
- 3) The drug is class IA antiarrhythmic drug.
 - a) Sotalol
 - b) Propranolol
 - c) Verapamil
 - d) Quinidine
- 4) Heparin is
 - a) Lipoprotein
 - b) Monosaccharide
 - c) Ceramide
 - d) Polysaccharide
- 5) Platelet aggregation is inhibited by
 - a) Clofibrate
 - b) Aspirin
 - c) Dipyridamole
 - d) All of the above
- 6) Which of the following NSAID's is propanoic acid derivative
 - a) Indomethacin
 - b) Metamizole
 - c) Diclofenac
 - d) Ibuprofen
- 7) Which of the following NSAIDs is non-selective cox Inhibitor
 - a) Rofecoxib
 - b) Celecoxib
 - c) All of the above
 - d) Piroxicam

- 8) Blood glucose is lowered in diabetics by
 - a) Codeine
 - b) Adrenaline
 - c) Betamethasone
 - d) Insulin
- 9) Which drug is not a progesterone
 - a) Megestrol
 - b) Norgestrel
 - c) Dydrogesterone
 - d) Mestranol
- 10) Select an endocrine drug which is amino acid derivative
 - a) Insulin
 - b) Hydrocortisone
 - c) Calcitonin
 - d) Thyroxine
- 11) Biological assays are
 - a) Qualitative
 - b) Quantitative
 - c) Both A & B
 - d) None of the above
- 12) ----- is example of bioassay
 - a) Acid Base titration
 - b) Chromatography
 - c) Metabolic response
 - d) All of the above
- 13) Somatostatin inhibits the release of
 - a) Growth hormone
 - b) Insulin
 - c) Thyrotropin
 - d) All of the above
- 14) Which one of the compound is not a hormone
 - a) Somatotropin
 - b) Thyroxin
 - c) Bromocriptine
 - d) Vasopressin
- 15) Which of the following is not a calcium channel blocker
 - a) Verapamil
 - b) Diltiazem
 - c) Propranolol
 - d) Prenylamine
- 16) Currently used antithyroid drugs include the following except.
 - a) Propylthiouracil
 - b) Diatrizoate sodium
 - c) Potassium perchlorate
 - d) Methimazole
- 17) The drug of choice for thyrotoxicosis treatment during pregnancy is
 - a) Carbimazole
 - b) Iodine therapy
 - c) Propyl thiouracil
 - d) Methimazole
- 18) Humulin is
 - a) Thyroxine
 - b) Newer penicillin
 - c) Human Insulin
 - d) Fewer insulin
- 19) Which one of the following effects does not occur in salicylate Intoxication.
 - a) Hyperventilation
 - b) Metabolic acidosis
 - c) Hypothermia
 - d) Tinnitus
- 20) TNF - α is an example of Eicosanoids
 - a) Interleukins
 - b) Interferons
 - c) Cytotoxic factor
 - d) Intermision.

2. Solve any seven.

- a) Write a note on oral contraceptives.
- b) Define & classify OHA. Give MoA & uses of biguanides.
- c) Define & classify diuretic agent. Explain weak diuretics.
- d) Classify antithyroid drugs. Give the MoA methyl thiouracil.
- e) Define cardiotonics. Give pharmacology of cardiac glycoside
- f) Write in details pharmacology of Histamine.
- g) Classify Antianginal drugs. Give the MoA nitroglycerine.
- h) Write a note on Anticoagulants.
- i) Write a note on thyroid Hormones.

3. Solve any two.

- a) Define & classify anti-hypertensive agents. Give pharmacology of Ca-channel blocker & vasodilators
- b) Discuss in details different methods of bioassay.
- c) Define & classify NSAID. Add note on pharmacological action on salicylates.
