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BRAINWARE UNIVERSITY

Term End Examination 2023
Programme – B.Sc.(CCT)-2022
Course Name – Pharmacology
Course Code - BCCTC204
(Semester II)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

(i) Select the precursor of Dopamine

- | | |
|------------------|---------------|
| a) Bromocriptine | b) Levadopa |
| c) Selegiline | d) Fluoxetine |

(ii) Levadopa is preferred instead of Dopamine in Parkinsonism can be described due to

- | | |
|--|---|
| a) Dopamine induces acute psychosis | b) Dopamine is heavily metabolised in human |
| c) Dopamine does not cross blood brain barrier | d) All of these |

(iii) Alcohol is associated with

- | | |
|-------------------|-----------------|
| a) CNS depression | b) Hypoglycemia |
| c) Vasodilation | d) All of these |

(iv) Identify the drug used in refractory angina

- | | |
|---------------|----------------|
| a) Amlodipine | b) Telmisartan |
| c) Ranolazine | d) Glimiperide |

(v) Identify the adverse effects of Amiodarone

- | | |
|-----------------------|-------------------|
| a) Pulmonary fibrosis | b) Hepatotoxicity |
| c) Constipation | d) All of these |

(vi) State the drugs used in Arrhythmia

- | | |
|---------------|---------------|
| a) Amiodarone | b) Digoxin |
| c) Amlodipine | d) Fenoldopam |

(vii) State the adverse effects of local anesthetics

- | | |
|-------------------|----------------------------|
| a) CNS excitation | b) Cardiovascular toxicity |
| c) Hypotension | d) All of the these |

(viii) Write which is not contraindication of DIGITALIS

- a) Severe hepatic disease
 c) Thyrotoxicosis
- b) Hyperkalemia
 d) w-p-w syndrome
- (ix) Choose which one Phenyl alkylamine calcium channel blocker
 a) Diltiazem
 c) Verapamil
- b) Nifedipine
 d) Cilnidipine
- (x) Identify the Vaccines given at birth
 a) BCG
 c) Measles
- b) Rotavirus
 d) IPV
- (xi) Identify the only vaccine with intradermal route of administration
 a) HepB
 c) IPV
- b) OPV
 d) BCG
- (xii) Observe and say non-selective beta blockers are all except
 a) Propanolol
 c) Sotalol
- b) Timolol
 d) Atenolol
- (xiii) Observe and say all are ACEIs except
 a) Captopril
 c) Ramipril
- b) Enalapril
 d) Losartan
- (xiv) Select the mechanism of action of beta-blockers?
 a) Blocks sodium channels
 c) Stimulates beta-adrenergic receptors
- b) Blocks calcium channels
 d) Blocks beta-adrenergic receptors
- (xv) Select the Pottasium sparing diuretic
 a) Spironolactone
 c) Torsemide
- b) Furosemide
 d) Metolazone

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Describe about hot air oven. (3)
3. Describe the types of hospital acquired infection? (3)
4. Infer the mechanism of calcium channel blockers. (3)
5. Describe the uses of aspirin. (3)
6. Define First pass effect. (3)

OR

Define Adverse drug reactions? Give Example. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Enumerate complication of high ceiling and thiazide type diuretic therapy (5)
8. Write uses of H1 antihistaminics (5)
9. Prepare long note on NON-OPIOID antitussives (5)
10. Express use of THEOPHYLLINE (5)
11. Classify ANTIANGINAL DRUGS with example (5)
12. Enumerate PHARMACOLOGICAL ACTION of HISTAMINE (5)

OR

State pharmacological action of H1 ANTAGONISTS (5)