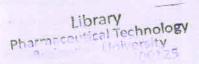




BRAINWARE UNIVERSITY

Term End Examination 2023 Programme - D.Pharm-2021 Course Name – Pharmacology & Toxicology Course Code - 2.3T (Year II)



| Full | B 4 | _ | | | OA |
|------|-----|---|----|---|----|
| | IV | | K5 | 4 | δU |

Time: 3:0 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 |
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(Multiple Choice Type Question)

1 x 20=20

- Choose the correct alternative from the following :
 - (i) Select the correct answer for the following: Ototoxicity caused by loop diuretics is b) Polythiazide a) Torsemide d) Furosemide c) Ethacrynic acid (ii) Select the correct option for: One of the methods to measure changes in the levels of consciousness during anesthesia is b) Visual Evoked Potential a) Auditory Evoked Potential d) Speech Evoked Potential c) Tactile Evoked Potential (iii) Choose the correct answer: Drugs used anaphylaxis is b) Epinephrine a) Norepinephrine d) Antihistaminic
 - c) Dopamine
 - (iv) Select the correct option for: Name of a drug accepted by a scientific body USAN (united state adopted names) council is
 - a) Generic name

b) Chemical name

c) Brand name

- d) None of these
- (v) Select the correct answer for the following: Bioavailability is usually the least by the following route of administration
 - a) Intramuscularly

b) Intravenously

c) Rectal

- d) Orally
- (vi) Choose the correct answer: Bromocryphine is used in
 - a) Hyperthyroidism

b) Parkinsonism

c) Cushing syndrome

- d) Stein leventhal syndrome
- (vii) Select the correct option for: Pharmacogenetics deals with
 - a) Clinically significant genetically mediated variations in drug response
- b) Harmful effects on foetus
- c) Drug induced genetic defect
- d) Development of drugs by DNA recombinant technology

| | (viii) Select the correct option for: Protein binding of | a drug helps in | |
|-----|--|--|------------|
| | 1 2 2 2 2 2 3 1 3 1 3 1 3 1 3 1 3 1 3 1 | D) Prototignig than the | |
| | a) Distribution | d) All of these | |
| | c) Limiting metabolism (ix) Identify the correct option: All of following are | examples of prodrugs except | |
| | | D) Enlaprii | |
| | a) Levodopa | d) Indomethacin | |
| | c) Omeprazole (x) Identify the correct option: Ketamine is used as | an anaesthetic agent in | |
| | | b) Intracranial hemorrhage | |
| | a) Hyperactive airways c) Ischemic heart disease | d) Glucoma | |
| | (xi) Choose the correct answer: Antitussives act by | | |
| | (XI) Choose the correct distribution impulses from the | b) Raising the threshold of cough centre | |
| | a) Reducing cough inducing impulses from the | | |
| | lungs | d) Liquifying bronchial secretions | |
| | c) Both (a) and (b)(xii) Choose the correct answer: Crystal urea is the | condition when | |
| | (XII) Choose the correct showing | | |
| | a) Urea crystallizes in the kidney c) Urea co-crystallizes with sulphonamides | d) Urea binds with sulphonamide crystais | |
| | (xiii) Identify the correct option: Clofazimine is use | ful in the treatment of | |
| | | b) Tuberculosis | |
| | a) Leprosy | d) Giardiasis | |
| | c) Candidiasis (xiv) Select the correct answer for the following: C | aptopril inhibits the enzyme | |
| | | b) ACE | |
| | a) Acetyl cholinesterase | d) Carhomic anhydrase | |
| | c) Tyrosine – 3 - monooxygenease (xv) Select the correct answer for the following: V | Which of the following drugs is both a | |
| | muscarinic and nicotinic blocker? | | |
| | | b) Benztropine | |
| | a) Atropine | d) Succinvicholine | |
| | c) Hyxamithonium (xvi) Select the correct option for: Name of a drug | accepted by a scientific body USAN (| |
| | united state adopted names) council is | | |
| | | b) Chemical name | |
| | a) Generic name | d) None of the these | |
| | c) Brand name (xvii) Select the correct answer for the following: | Paracetamol is an analgesic and | |
| | (xvii) Select the correct allower to the | b) Anti inflammatory | |
| | a) Antipyretic, anti inflammatory | d) Antitussive | |
| | c) Antipyretic (xviii) Select the correct option for: Which of the f | ollowing NSAIDs has greater inhibitory | |
| | selectivity for COX-1 than COX-2? | | |
| | | b) Indomethacin | |
| | a) Flurbiprofen | d) Celecoxib | |
| | c) Diclofenac (xix) Choose the correct answer: Chlopropamide | increases | |
| | | b) Peripheral utilization of Brass | |
| | a) Glycogenolysis | d) Thyroxine secretion | |
| | c) Insulin secretion (xx) Choose the correct answer: Drug of choice | in acute attack of migraine is | |
| | | b) Ergoamine artrate | |
| | a) Methylsergide | d) Nicotine | |
| | c) Serotonin | ************************************** | |
| | G | Group-B | - 0-40 |
| 200 | (Short Answ | er Type Questions) | 5 x 8=40 |
| | (5.15) | | |
| | 2. Define the term Pharmacokinetics & Pharmac | codynamics. | (5) |
| | Define the term Pharmacokinetics & Francisco Define and classify cardiovascular agents. | | (5) |
| | Define and classify cartilovascular agent. Discuss about the oral hypoglycenic agent. | | (5) (5) |
| | Explain about the properties of an ideal antage | cid. | (5) |
| | 6. Write a note on atherosclerosis. | | (3) |
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| 7. Define and classify anti-anginal agents. | (5) |
|---|-----------|
| 8. Explain about the prostaglandin. | (5) |
| OR | |
| Explain about the carminative. | (5) |
| 9. Explain about the peptic ulcer. | (5) |
| OR | |
| Explain about the antitussive agents. | (5) |
| Group-C | |
| (Long Answer Type Questions) | 10 x 2=20 |
| 10. Describe the pharmacological actions of Morphine. | (10) |
| 11. Explain about the calcium channel blocker and beta blocker. | (10) |
| OR | |
| Illustrate about the neurones blockers and ganglion blockers. | (10) |
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