

## CBCS/CBGS Pharmacology-III: Semester VII: Sample Question Bank

Q1. False statement concerning mechanism of drugs used in the treatment of Parkinsonism is

- (a) Levodopa enhances the synthesis of dopamine
- (b) Bromocriptine is an agonist at dopaminergic receptors
- (c) Amantadine acts by stimulating the release of dopamine from storage sites
- (d) Carbidopa activates peripheral carboxylase enzyme

Q2. Postoperative hallucinations or delusions are characteristics features of

- (a) Nitrous oxide (b) Fentanyl
- (c) Halothane (d) Ketamine

Q3. Which of the following drug is useful in treating trigeminal neuralgia?

- (a) Phenytoin (b) Carbamazepine
- (c) Sodium valproate (d) Ethosuximide

Q4. Local anaesthetic with vasoconstrictor effect is

- (a) Procaine (b) Lidocaine
- (c) Bupivacaine (d) Cocaine

Q5. Which of the following reduces peripheral decarboxylation of L-dopa to enhance its therapeutic effects in Parkinson's disease?

- (a) Carbidopa (b) Amantadine
- (c) Pyridoxine (d) Methicillin

Q6. Ester local anaesthetic with short half-life and low surface activity is

- (a) Bupivacaine (b) Cocaine
- (c) Procaine (d) Lidocaine

Q7. 5-Hydroxytryptamine is biosynthesized from \_\_\_\_\_ aminoacid.

- (a) Tryptophan (b) Tyrosine
- (c) Phenylalanine (d) Alanine

Q8. Which of the following local anaesthetics is/are only useful for topical administration

- (a) Procaine (b) Bupivacaine
- (c) Benzocaine (d) Alanine

Q9. All of the following are monoamine oxidase inhibitors except:

- (a) Phenelzine (b) Isocarboxazid
- (c) Tranylcypromine (d) Maprotiline

Q10. Phenytoin metabolism is inhibited by following except

- (a) Disulfiram
- (b) Chloramphenicol, INH, cimetidine
- (c) Dicumarol, warfarin
- (d) Methotrexate

Q11. Amantadine in Parkinsonism acts by

- (a) Stimulating the release of dopamine from storage sites
- (b) Decreasing the decarboxylation of dopamine

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- (c) Increasing norepinephrine from adrenals
- (d) decreasing norepinephrine from adrenals

Q12. All of the following prostanoid produce bronchoconstriction except

- (a) PGI<sub>2</sub> (b) PGD<sub>2</sub>
- (c) PGF<sub>2</sub>α (d) TXA<sub>2</sub>

Q13. All of the following is a partial/mixed agonists of opioid receptor except

- (a) Nalorphine (b) Naltrexone
- (c) Nalbupine (d) Pentazocine

Q14. One of the following is not a example of Inhalation anaesthesia

- (a) Halothane
- (b) Thiopental sodium
- (c) Isoflurane
- (d) Trichloroethylene

Q15. Correct statement regarding morphine includes all except

- (a) Overdose of morphine produce coma and respiratory depression
- (b) Acts as emetics by stimulating CTZ
- (c) Pinpoints pupil
- (d) It decreases pain threshold

Q16. Which of the barbiturates can cause choleresis?

- (a) Thiopental (b) Pentobarbital
- (c) Phenobarbital (d) Methohexital

Q17. Which of the following is highly selective COX-1 antagonist?

- (a) Ketorolac (b) Salicylate
- (c) Rofecoxib (d) Diclofenac

Q18. Which of the phenothiazines have least extrapyramidal effect?

- (a) Chlorpromazine (b) Fluphenazine
- (c) Thioridazine (d) Prochlorperazine

Q19. Spina bifida is associated with the maternal use of

- (a) Phenytoin
- (b) Carbamazepine
- (c) Sodium valproate
- (d) Lamotrigine

Q20. Which one of the following H<sub>1</sub>-receptor antagonist is sedative?

- (a) Levocetirizine (b) Loratidine
- (c) Fexofenadine (d) Doxylamine

Q21. Mechanism of action of colchicine which is clinically used for gout is

- (a) Inhibiting uric acid synthesis
- (b) Increasing uric acid excretion
- (c) Increasing uric acid synthesis
- (d) Reducing leucocyte migration into joints

Q22. Recognized side effect of treatment with lithium carbonate is

- (a) Proximal tubular degeneration
- (b) Hypomagnesaemia
- (c) Polyuria and polydipsia
- (d) Hypochloremia

Q23. All of the following are used for the treatment of Alzheimer's disease except

- (a) Donepezil (b) Rivastigmine
- (c) Galantamine (d) Selegiline

Q24. Famotidine acts as

- (a) H1-histamine antagonist
- (b) H2-histamine antagonist
- (c) Proton pump inhibitor
- (d) H1 agonist

Q25. Minimata disease is related to

- (a) Tin
- (b) Iron
- (c) Mercury
- (d) Lead