

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW**MBBS DEGREE - IInd PROFESSIONAL - SUPPLEMENTARY EXAMINATION - JUNE 2024****PHARMACOLOGY - PAPER - I****SECTION A - Multiple Choice Questions (MCQs)**

PAPER CODE : 2421130005

SET : C

Note: Choose one correct answer in the OMR sheet provided. No overwriting should be done.

Time: 20 Minutes

(20 x 1 = 20 MARKS)

1. Which one of the following compounds is a microsomal enzyme inhibitor?
 - a) Phenobarbitone
 - b) Rifampicin
 - c) Erythromycin
 - d) Glucocorticoids
2. Which of the following is used as dissociative anesthesia?
 - a) Morphine
 - b) Fentanyl
 - c) Ether
 - d) Ketamine
3. Which of the following is used as a tocolytic agent?
 - a) Phenylephrine
 - b) Isoxsuprine
 - c) Amphetamine
 - d) Ephedrine
4. Category of drugs used for rare diseases are called:
 - a) Orphan drugs
 - b) Non-essential drugs
 - c) Not approved drugs
 - d) Costly drugs
5. Adrenaline injected with a local anesthetic:
 - a) Reduces systemic toxicity
 - b) Reduces local toxicity
 - c) Makes injection less painful
 - d) Shortens duration of anesthesia

6. Adverse effect of β_2 agonists:
- Hypomagnesemia
 - Hypoglycemia
 - Hypokalemia
 - Hypophosphatemia
7. Apparent V_d exceeds body fluid volume if drug is:
- Slowly eliminated
 - Sequestered in tissues
 - Highly bound to plasma proteins
 - Poorly soluble in plasma
8. Eutectic lignocaine-prilocaine unique property:
- Anesthetises unbroken skin
 - Causes motor blockade only
 - Strong vasoconstrictor action
 - Not absorbed after application
9. Uricosuric agent used in chronic gout:
- Probenecid
 - Colchicine
 - Febuxostat
 - Allopurinol
10. Most rapid acting route:
- Sublingual
 - Oral
 - Intravenous
 - Intramuscular
11. True statement about first order kinetics:
- Constant amount eliminated
 - Alcohol elimination is first order
 - Half-life depends on concentration
 - Constant fraction eliminated
12. A partial agonist antagonises a full agonist because it has:
- Low affinity, high intrinsic activity
 - High affinity, low intrinsic activity
 - High affinity, no intrinsic activity
 - No affinity, low intrinsic activity

13. Enhancer of levodopa bioavailability in Parkinson's:

- a) Ropinirole
- b) Amantadine
- c) Selegiline
- d) Entacapone

14. Drug not inducing mydriasis:

- a) Ephedrine
- b) Phentolamine
- c) Cocaine
- d) Phenylephrine

15. H1 antihistaminic not preferred for fine tasks:

- a) Azelastine
- b) Fexofenadine
- c) Promethazine
- d) Ebastine

16. Drug causing haemolysis in G6PD deficiency:

- a) Paracetamol
- b) Ampicillin
- c) Primaquine
- d) Dopamine

17. Antiepileptic used in migraine prophylaxis:

- a) Sumatriptan
- b) Propranolol
- c) Flunarizine
- d) Topiramate

18. Atropine is contraindicated in:

- a) Myasthenia gravis
- b) Early mushroom poisoning
- c) Glaucoma
- d) Organophosphate poisoning

19. Which of the following is a prodrug?

- a) Captopril
- b) Ampicillin
- c) Phenytoin
- d) Levodopa

20. Microsomal enzyme induction can cause:

- a) Physical dependence
- b) Tolerance
- c) Idiosyncrasy
- d) Psychological dependence

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