

**CBME****Dr NTR UNIVERSITY OF HEALTH SCIENCES: VIJAYAWADA - 520 008****MBBS DEGREE EXAMINATION - DECEMBER, 2022****SECOND M.B.B.S. EXAMINATION****PHARMACOLOGY - PAPER-I (SET-A)****(Multiple Choice Questions)****Time: 20 Minutes****Max Marks: 20****Note: Answer all questions.**

---

**SECTION-I (MCQs - 20 MARKS)****1X2=20**

- 1) Alkalinization of urine hastens the excretion of
    - a. Weakly basic drugs
    - b. Weakly acidic drugs
    - c. Strong electrolytes
    - d. Nonpolar drugs
  - 2) Which of the following constitutes 'drug abuse'
    - a. Physician prescribe use of penicillin G for the cure of viral fever
    - b. Self administration of aspirin to relieve headache
    - c. Repeated self administration of morphine to derive euphoria
    - d. All of the same
  - 3) If the effect of combination of two drugs is equal to the sum of their individual effects, the two drugs are exhibiting
    - a. Potentiation
    - b. Synergism
-

- c. Cross tolerance
- d. Antagonism

4) Which of the following is always true

- a. A more potent drug is more efficacious
- b. A more potent drug is safer
- c. A more potent drug is clinically superior
- d. A more potent drug can produce the same response at lower doses

5) Down regulation of receptors can occur as a consequence of:

- a. Continuous use of agonists
- b. Continuous use of antagonists
- c. Chronic use of CNS depressants
- d. Denervation

6) Which of the following organs is innervated only by parasympathetic nerves

- a. Iris muscles
- b. Ciliary muscle
- c. Sweat glands
- d. Splenic capsule

7) Pyridostigmine differs from neostigmine in that

- a. It is more potent orally
- b. It is longer acting
- c. It produces less muscarinic side effects
- d. It does not have any direct action on NM receptors

- 8) The following mydriatic does not produce cycloplegia
- Phenylephrine
  - Tropicamide
  - Cyclopentolate
  - Homatropine
- 9) Which of the following is a selective alpha 1A receptor blocker that affords symptomatic relief in benign prostatic hypertrophy without producing significant fall in blood pressure
- Terazosin
  - Doxazosin
  - Trimazosin
  - Tamsulosin
- 10) Allopurinol is indicated in the following category of chronic gout patients
- Over producers of uric acid
  - Under excretor of uric acid
  - Those with tophi and /or renal urate stones
  - All of the above
- 11) For a patient of peptic ulcer, the safest nonopioid analgesic is
- Celecoxib
  - Diclofenac sodium
  - Paracetamol
  - Ibuprofen

12) The following general anaesthetic has poor muscle relaxant action

- a. Ether
- b. Nitrous oxide
- c. Halothane
- d. Isoflurane

13) Select the drug that has been found to reduce alcohol craving and chances of resume heavy drinking by alcoholics after they have undergone a detoxification programme

- a. Chlordiazepoxide
- b. Chlorpromazine
- c. Methadone
- d. Naltrexone

14) Select the correct statement about benzodiazepines (BZDs)

- a. All BZDs facilitate GABA mediated Cl influx into neurons
- b. Different BZDs exert the same degrees of hypnotic, anxiolytic and anticonvulsant actions
- c. The BZD receptor is homogeneous at all neuronal sites
- d. The muscle relaxant actions of BZDs is not blocked by flumazenil

15) The following drug displaces plasma protein bound phenytoin as well as decreases its metabolism

- a. Carbamazepine
- b. Sodium valproate
- c. Cimetidine
- d. Chloramphenicol

16) Indications of desmopressin include the following except

- a. Neurogenic diabetes insipidus
- b. Nephrogenic diabetes insipidus
- c. Bedwetting in children
- d. Bleeding due to haemophilia

17) Losartan differs from enalapril in the following respect

- a. It does not potentiate bradykinin
- b. It depresses cardiovascular reflexes
- c. It impairs carbohydrate tolerance
- d. It does not have fetopathic potential

18) Which of the following drug is a potassium channel opener

- a. Nicorandil
- b. Hydralazine
- c. Gilbenclamide
- d. Amiloride

19) Thiazide diuretics are the preferred first anti-hypertensives for the following category of patients

- a. Young hypertensives
- b. Physically and sexually active male hypertensives
- c. Elderly obese hypertensives
- d. Diabetic hypertensives

20) The following antianginal drug is most likely to produce tachycardia as a side effect

- a. Amlodipine
- b. Nifedipine
- c. Dilitiazem
- d. Verapamil

\*\*\*\*\*

firstranker.com  
www.FirstRanker.com