

MEDICAL**[MBBS 0325]****MARCH 2025****Sub. Code :6061****M.B.B.S. DEGREE EXAMINATIONS****(For the candidates admitted from the Academic Year 2019 - 2020)****SECOND PROFESSIONAL – SUPPLEMENTARY - (CBME)****PAPER I – PHARMACOLOGY*****Q.P. Code: 526061*****Time: 20 Minutes****Maximum : 20 Marks****Answer All Questions****Shade the correct answer with Black or Blue ink ball point pen****SET - D****III. Multiple Choice Questions:****(20 x 1 = 20)**

1. Organic nitrates relax vascular smooth muscle by:
A) Increasing intracellular cyclic GMP B) Increasing intracellular cyclic AMP
C) Decreasing intracellular cyclic AMP D) Decreasing intracellular cyclic GMP
2. Which of the following is an irreversible inhibitor of cyclooxygenase:
A) Aspirin B) Naproxen C) Indomethacin D) Piroxicam
3. Select the H₁ antihistaminic used topically for allergic rhinitis:
A) Loratadine B) Cetirizine C) Fexofenadine D) Azelastine
4. The following is a selective 5-HT_{1D} receptor agonist:
A) Buspirone B) Ondansetron C) Sumatriptan D) Ergotamine
5. Recombinant human erythropoietin is indicated for:
A) Megaloblastic anaemia B) Haemolytic anaemia
C) Anaemia in patients of thalassemia D) Anaemia in chronic renal failure
6. The characteristic adverse effect of HMG-CoA reductase inhibitors is:
A) Onycholysis B) Myopathy C) Alopecia D) Haemolysis
7. Choose the drug with short plasma half life
A) Esmolol B) Chloroquine C) Digoxin D) Etanercept
8. Rapid development of Tolerance is
A) Resistance B) Teratogenicity C) Cumulation D) Tachyphylaxis
9. Nonequilibrium type alpha adrenergic blocker is
A) Ergotamine B) Phenoxybenzamine C) Phentolamine D) Tolazoline
10. Prolonged use of Hydralazine for the treatment of hypertension is likely to cause
A) Gynaecomastia B) Thrombocytopenia
C) Haemolytic Anemia D) Lupus Erythematosus

11. Name the beta blocker used in Congestive cardiac failure
A) Propranolol B) Metoprolol C) Atenolol D) Acebutolol
12. The prostaglandin analog used in Primary Pulmonary Hypertension
A) Carboprost B) Misoprostol C) Dinoprostone D) Epoprostenol
13. Propofol is the most preferred IV anaesthetic due to
A) Quick induction and rapid recovery B) Less respiratory depression
C) No change in blood pressure D) Positive inotropic effect
14. Selective COX-2 inhibitors are preferred as analgesic due to less risk of
A) Ischaemic heart disease B) Stroke C) Peptic ulcer D) Nephrotoxicity
15. Which among the following is NOT administered orally in bronchial asthma
A) Doxophylline B) Ketotifen C) Montelukast D) Sodium cromoglycate
16. Drug which precipitates acute intermittent porphyria is
A) Ketamine B) Thiopentone C) Halothane D) Propofol
17. An 'orphan drug' is:
A) A very cheap drug B) A drug which has no therapeutic use
C) A drug for treatment of a rare disease D) A drug which acts on Orphan receptors
18. Which of the following is a prodrug of adrenaline used topically in glaucoma:
A) Brimonidine B) Dipivefrine C) Apraclonidine D) Dorzolamide
19. Morphine stimulates:
A) Vasomotor centre B) Edinger Westphal nucleus
C) Temperature regulating centre D) Cough centre
20. Which of the following drug undergoes 'Hofmann' elimination:
A) Succinylcholine B) Pancuronium C) Vecuronium D) Atracurium

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