

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**[MBBS 0224]****FEBRUARY 2024****Sub. Code :6061****M.B.B.S. DEGREE EXAMINATION****(For the candidates admitted from the Academic Year 2019-2020)****SECOND PROFESSIONAL YEAR – (CBME)****PAPER I – PHARMACOLOGY*****Q.P. Code: 526061*****Time: 30 Minutes****Maximum : 20 Marks****Answer All Questions**

**Choose one correct answer in the box provided in the Answer Script.
No overwriting should be done. Choice should be given in Capital Letters.**

III. Multiple Choice Questions:**(20 x 1 = 20)**

1. Essential drugs are
 - A) Life saving drugs
 - B) Drugs that meet the priority health care needs of the population
 - C) Drugs that must be present in the emergency bag of a doctor
 - D) Drugs that are listed in the pharmacopoeias of a country
2. The elderly patients are relatively intolerant to:
 - A) Digoxin
 - B) Salbutamol
 - C) Propranolol
 - D) Nifedipine
3. 3 Years old child undergoing eye surgery had initial heart rate of 140 beats/min. After anaesthesia and short surgery, heart rate dropped to 40 beats/min. Whats should be the next step?
 - A) Stop surgery
 - B) Decrease plane of anaesthesia
 - C) Inj. Glycopyrrolate
 - D) Inj. Atropine
4. Preferred Skeletal muscle relaxants for patients with Liver/Kidney disease & elderly?
 - A) d-TC
 - B) Pancuronium
 - C) Cisatracurium
 - D) Pipecuronium
5. Which of the following routes allows titration of dose of a drug with its response of administration?
 - A) Intravenous
 - B) Transdermal
 - C) Intramuscular
 - D) Subcutaneous
6. The drug of choice for hyperkinetic children is:
 - A) Methylphenidate
 - B) Nikethamide
 - C) Caffeine
 - D) Clonazepam
7. Preferred drug for medical closure of Patent Ductus Arteriosus?
 - A) Aspirin
 - B) Nefopam
 - C) Ibuprofen
 - D) Indomethacin
8. Which direct thrombin inhibitor produces hepatotoxicity?
 - A) Hirudin
 - B) Lepirudin
 - C) Argatroban
 - D) Ximelagatran
9. Recombinant human erythropoietin is indicated for
 - A) Megaloblastic anaemia
 - B) Haemolytic anaemia
 - C) Anaemia in patients of thalassemia
 - D) Anaemia in chronic renal failure patients

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10. Sargramostim is a growth factor of?
A) Megakaryocyte growth factor B) GM - CSF
C) G - CSF D) Erythropoietin
11. Which of the drug is used by intravenous infusion for emergency control of tachycardia and sudden rise in blood pressure?
A) Amiodarone B) Lignocaine C) Esmolol D) Disopyramide
12. Which of the following peptides is a selective vasopressin V2 receptor agonist?
A) Arginine vasopressin B) Desmopressin
C) Lypressin D) Terlipressin
13. Absorption of oral iron preparations can be facilitated by co-administering
A) Antacids B) Tetracyclines C) Phosphates D) Ascorbic acid
14. In cancer/ palliative care patients on opioid analgesics- c/o constipation; suggest a drug used to relieve constipation without reducing analgesic effect
A) Pentazocine B) Nalbuphine
C) Methyl naltrexone D) Buprenorphine
15. 1st choice of drug used in treatment of chronic gout?
A) Colchicine B) Allopurinol C) Probenecid D) Pegloticase
16. 1st line of drug for Migraine patient those who doesn't respond to analgesics
A) TCA B) Ca⁺ channel blockers
C) Selective 5HT Agonists/ Ergot D) β - blockers
17. Loperamide acts by?
A) Δ opioid agonist action B) κ opioid agonist action
C) μ opioid agonist action D) None
18. In cardiac cells, procainamide
A) Decreased automaticity B) Increases refractory period
C) Slows down conduction D) All of the above
19. The rabbit syndrome is treated by :
A) Lorazepam B) Lithium
C) Levodopa D) Trihexyphenidyl
20. Identify correct anti-inflammatory dose of Aspirin
A) 75-162 mg/d B) 3-6 gm/d
C) 0.3-0.6 gm/d D) 30-60 mg/d

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