

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY****[MBBS 0223]****FEBRUARY 2023****Sub. Code :6061****M.B.B.S. DEGREE EXAMINATION****(For the candidates admitted from the Academic Year 2019-2020)****SECOND YEAR – (CBME)****PAPER I – PHARMACOLOGY – I*****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. A patient with iron deficiency anaemia is put on iron therapy. What should be the rate of rise of Hb level so that response is considered adequate?  
A) 0.05 to 0.1g/dl per week      B) 0.1 to 0.2 g/ dl per week  
C) more than 1g/ dl per week      D) 0.5 to 1g / dl per week
2. A patient with coronary artery disease has raised triglyceride levels but normal cholesterol level. Which hypolipidemic drug should be prescribed?  
A) Lovastatin      B) Gemfibrozil      C) Cholestyramine      D) Nicotinic acid
3. Marked redistribution is a feature of  
A) Highly lipid soluble drugs      B) Poorly lipid soluble drugs  
C) Depot preparation      D) High plasma protein bound drugs
4. The CYP450 isoenzyme involved in metabolism of largest number of drugs in human beings has been implicated in some dangerous drug interactions  
A) CYP1A2      B) CYP2E1      C) CYP2C9      D) CYP3A4
5. The receptor that is located intracellularly  
A) Opioid mu receptor      B) Steroid receptor  
C) Angiotensin receptor      D) Prostaglandin receptor
6. The calcium channel blocker used for prophylaxis of migraine but not angina pectoris  
A) Verapamil      B) Amlodipine      C) Flunarizine      D) Diltiazem
7. Which of the following is nonsedative anxiolytic?  
A) Alprazolam      B) Hydroxyzine      C) Chlorpromazine      D) Buspirone
8. The drug that release histamine from mast cell without involving in immunological reaction is  
A) pirin      B) Morphine      C) Procaine      D) Erythromycin
9. The following is a selective 5HT 1B/1D Receptor agonist  
A) Ondansetron      B) Sumatriptan      C) Cyproheptadine      D) Risperidone

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10. Low dose aspirin prolong bleeding time by selectively inhibiting following mediator in platelets  
A) Thromboxane A2      B) Prostacyclin      C) Histamine      D) 5HT
11. The dose limiting adverse effect of colchicine is  
A) Renal damage      B) Muscular paralysis      C) Sedation      D) Diarrhoea
12. Higher dose of theophylline is used to maintain therapeutic plasma concentration in  
A) Those receiving cimetidine      B) Those receiving erythromycin  
C) Smokers      D) Chronic renal failure patients
13. Postoperative muscle soreness and myalgia may be side effects of following neuromuscular blockers  
A) Vecuronium      B) Atracurium      C) Succinylcholine      D) Tubocurarine
14. Which one of the following is an example for Physiological Antagonism  
A) Acetylcholine and Atropine      B) Adrenaline and Histamine  
C) Heparin and Protamine sulphate      D) Acetylcholine and physostigmine
15. Ventricular remodeling after myocardial infarction involves mediation of  
A) Angiotensin II      B) Prostaglandin      C) Thromboxane A2      D) Bradykinin
16. The diuretic preferred for mobilising edema fluid in congestive cardiac failure is  
A) Hydrochlorothiazide      B) Amiloride      C) Metolazone      D) Furosemide
17. The following antiarrhythmic drug has prominent anticholinergic action  
A) Lignocaine      B) Disopyramide      C) Amiodarone      D) Quinidine
18. Select the drug which is potassium channel opener as well as nitric oxide donor  
A) Diazoxide      B) Minoxidil      C) Nicorandil      D) Sodium nitroprusside
19. Inhaled salbutamol is useful in bronchial asthma for  
A) Round the clock prophylaxis of asthma      B) Status asthmatics  
C) Aborting / terminating asthma attacks      D) All of the above
20. The following antihypertensive drug is topically used to treat alopecia areata  
A) Minoxidil      B) Hydralazine      C) Clonidine      D) Nifedipine.

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