

**Q.P.CODE:505-A-CBME**

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 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

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) Which of the following drugs has a black box warning of fulminant hepatic failure
  - a. Entacapone
  - b. Tolcapone
  - c. Selegiline
  - d. Rasagiline
- 2) Which of the following drugs is a competitive cholinesterase inhibitor used in the treatment of mild to moderate Alzheimer's disease
  - a. Donepezil
  - b. Rivastigmine
  - c. Tacrine
  - d. Galantamine
- 3) Which of the following antihypertensive drug is avoided in patients with high serum uric acid levels
  - a. Prazosin
  - b. Atenolol
  - c. Enalapril
  - d. Hydrochlorothiazide
- 4) Which of the following drugs is an arteriolar dilator
  - a. Hydralazine
  - b. Aliskiren
  - c. Amiloride
  - d. Indapamide
- 5) The most predominant subtype of muscarinic receptor in the CNS is
  - a. M1
  - b. M2
  - c. M3
  - d. M4
- 6) Which among the following drugs is highly bound to albumin
  - a. Prazosin
  - b. Lidocaine
  - c. Verapamil
  - d. Wartarin

Contd ... 2

SET – A :: 2 ::

- 7) Akathisia is seen with the use of
  - a. Clozapine
  - b. Benztropine
  - c. Aripiprazole
  - d. Haloperidol
  
- 8) Calcium channel blocker approved for prevention and treatment of cerebral vasospasm following subarachnoid hemorrhage is
  - a. Nifedipine
  - b. Nitrendipine
  - c. Nimodipine
  - d. Lercanidipine
  
- 9) Therapeutic index is used to evaluate a drug's
  - a. Absorption
  - b. Elimination
  - c. Safety
  - d. Bioavailability
  
- 10) The drug of choice in drug induced Parkinsonism is
  - a. Levodopa
  - b. Ropinirole
  - c. Amantadine
  - d. Benzhexol
  
- 11) In heart failure, Sacubitril is given in combination with
  - a. Enalapril
  - b. Nesiritide
  - c. Valsartan
  - d. Omapatrilat
  
- 12) Methylphenidate is drug of choice for
  - a. Obsessive compulsive disorder
  - b. ADHD (Attention Deficit Hyperkinetic Disorder)
  - c. Enuresis
  - d. Autism
  
- 13) Which among the following drug metabolizing reactions is entirely Nonmicrosomal
  - a. Oxidation
  - b. Glucuronidation
  - c. Acetylation
  - d. Reduction

- 14) Which of the following drugs if given with terfenadine, can cause ventricular arrhythmias
- Ketoconazole
  - Griseofulvin
  - Ampicillin
  - Sparfloxacin
- 15) A 50 year old female with rheumatoid arthritis is being considered for infliximab therapy. Which of the following tests should be performed before beginning the treatment
- Liver function test
  - Tuberculin test
  - Pulmonary function test
  - Visual examination
- 16) After taking some drug for acute attack of migraine, a patient developed nausea and vomiting. He also developed tingling and numbness in the tip of the finger that also turned blue. Which of the following is the most likely drug implicated in causing the above findings
- Dihydroergotamine
  - Sumatriptan
  - Aspirin
  - Butorphanol
- 17) A truck driver presented to the hospital with a minor soft tissue injury. Which of the following NSAID should not be prescribed to him
- Celecoxib
  - Indomethacin
  - Naproxen
  - Diclofenac sodium
- 18) The phosphodiesterase inhibitor approved for treatment of COPD is
- Zileuton
  - Roflumilast
  - Azelastine
  - Albuterol
- 19) A 50 yr old patient on Tab. Aspirin will have increase in which of the following parameter
- Prothrombin time
  - Activated partial thromboplastin time
  - Bleeding time
  - Clotting time
- 20) Which of the following prostaglandin analogue is used in the treatment of erectile dysfunction
- Iloprost
  - Alprostadil
  - Epoprostenol
  - Enprostil

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M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022

SECOND M.B.B.S. EXAMINATION

**PHARMACOLOGY -PAPER-I (Set-B)**

(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks : 20

Note : Answer all questions

**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) Which of the following drugs is an arteriolar dilator
  - a. Aliskiren
  - b. Amiloride
  - c. Indapamide
  - d. Hydralazine
  
- 2) Which of the following antihypertensive drug is avoided in patients with high serum uric acid levels
  - a. Enalapril
  - b. Hydrochlorothiazide
  - c. Prazosin
  - d. Atenolol
  
- 3) Which of the following drugs is a competitive cholinesterase inhibitor used in the treatment of mild to moderate Alzheimer's disease
  - a. Rivastigmine
  - b. Tacrine
  - c. Galantamine
  - d. Donepezil
  
- 4) Which of the following drugs has a black box warning of fulminant hepatic failure
  - a. Tolcapone
  - b. Selegiline
  - c. Rasagiline
  - d. Entacapone
  
- 5) Calcium channel blocker approved for prevention and treatment of cerebral vasospasm following subarachnoid hemorrhage is
  - a. Nitrendipine
  - b. Nimodipine
  - c. Lercanidipine
  - d. Nifedipine

- 6) Akathisia is seen with the use of
  - a. Benztropine
  - b. Aripiprazole
  - c. Haloperidol
  - d. Clozapine
- 7) Which among the following drugs is highly bound to albumin
  - a. Lidocaine
  - b. Verapamil
  - c. Wartarin
  - d. Prazosin
- 8) The most predominant subtype of muscarinic receptor in the CNS is
  - a. M1
  - b. M2
  - c. M3
  - d. M4
- 9) Methylphenidate is drug of choice for
  - a. ADHD (Attention Deficit Hyperkinetic Disorder)
  - b. Enuresis
  - c. Autism
  - d. Obsessive compulsive disorder
- 10) In heart failure, Sacubitril is given in combination with
  - a. Nesiritide
  - b. Valsartan
  - c. Omapatrilat
  - d. Enalapril
- 11) The drug of choice in drug induced Parkinsonism is
  - a. Ropinirole
  - b. Amantadine
  - c. Benzhexol
  - d. Levodopa
- 12) Therapeutic index is used to evaluate a drug's
  - a. Elimination
  - b. Safety
  - c. Bioavailability
  - d. Absorption
- 13) After taking some drug for acute attack of migraine, a patient developed nausea and vomiting. He also developed tingling and numbness in the tip of the finger that also turned blue. Which of the following is the most likely drug implicated in causing the above findings
  - a. Sumatriptan
  - b. Aspirin
  - c. Butorphanol
  - d. Dihydroergotamine

SET – B :: 3 ::

- 14) A 50 year old female with rheumatoid arthritis is being considered for infliximab therapy. Which of the following tests should be performed before beginning the treatment
- Tuberculin test
  - Pulmonary function test
  - Visual examination
  - Liver function test
- 15) Which of the following drugs if given with terfenadine, can cause ventricular arrhythmias
- Griseofulvin
  - Ampicillin
  - Sparfloxacin
  - Ketoconazole
- 16) Which among the following drug metabolizing reactions is entirely Nonmicrosomal
- Glucuronidation
  - Acetylation
  - Reduction
  - Oxidation
- 17) Which of the following prostaglandin analogue is used in the treatment of erectile dysfunction
- Alprostadil
  - Epoprostenol
  - Enprostil
  - Iloprost
- 18) A 50 yr old patient on Tab. Aspirin will have increase in which of the following parameter
- Bleeding time
  - Clotting time
  - Prothrombin time
  - Activated partial thromboplastin time
- 19) The phosphodiesterase inhibitor approved for treatment of COPD is
- Azelastine
  - Albuterol
  - Zileuton
  - Roflumilast
- 20) A truck driver presented to the hospital with a minor soft tissue injury. Which of the following NSAID should not be prescribed to him
- Naproxen
  - Diclofenac sodium
  - Celecoxib
  - Indomethacin

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M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022  
SECOND M.B.B.S. EXAMINATION  
**PHARMACOLOGY -PAPER-I (Set-C)**  
(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks : 20

Note : Answer all questions

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) Which of the following antihypertensive drug is avoided in patients with high serum uric acid levels
  - a. Enalapril
  - b. Hydrochlorothiazide
  - c. Prazosin
  - d. Atenolol
- 2) Which of the following drugs has a black box warning of fulminant hepatic failure
  - a. Selegiline
  - b. Rasagiline
  - c. Entacapone
  - d. Tolcapone
- 3) Which of the following drugs is an arteriolar dilator
  - a. Amiloride
  - b. Indapamide
  - c. Hydralazine
  - d. Aliskiren
- 4) Which of the following drugs is a competitive cholinesterase inhibitor used in the treatment of mild to moderate Alzheimer's disease
  - a. Tacrine
  - b. Galantamine
  - c. Donepezil
  - d. Rivastigmine
- 5) Akathisia is seen with the use of
  - a. Aripiprazole
  - b. Haloperidol
  - c. Clozapine
  - d. Benztropine
- 6) The most predominant subtype of muscarinic receptor in the CNS is
  - a. M1
  - b. M2
  - c. M3
  - d. M4

- 7) Calcium channel blocker approved for prevention and treatment of cerebral vasospasm following subarachnoid hemorrhage is
  - a. Nimodipine
  - b. Lercanidipine
  - c. Nifedipine
  - d. Nitrendipine
- 8) Which among the following drugs is highly bound to albumin
  - a. Verapamil
  - b. Warfarin
  - c. Prazosin
  - d. Lidocaine
- 9) In heart failure, Sacubitril is given in combination with
  - a. Valsartan
  - b. Omapatrilat
  - c. Enalapril
  - d. Nesiritide
- 10) Therapeutic index is used to evaluate a drug's
  - a. Safety
  - b. Bioavailability
  - c. Absorption
  - d. Elimination
- 11) Methylphenidate is drug of choice for
  - a. Autism
  - b. Obsessive compulsive disorder
  - c. ADHD (Attention Deficit Hyperkinetic Disorder)
  - d. Enuresis
- 12) The drug of choice in drug induced Parkinsonism is
  - a. Amantadine
  - b. Benzhexol
  - c. Levodopa
  - d. Ropinirole
- 13) A 50 year old female with rheumatoid arthritis is being considered for infliximab therapy. Which of the following tests should be performed before beginning the treatment
  - a. Pulmonary function test
  - b. Visual examination
  - c. Liver function test
  - d. Tuberculin test



- 14) Which among the following drug metabolizing reactions is entirely Nonmicrosomal
- Acetylation
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- 15) After taking some drug for acute attack of migraine, a patient developed nausea and vomiting. He also developed tingling and numbness in the tip of the finger that also turned blue. Which of the following is the most likely drug implicated in causing the above findings
- Aspirin
  - Butorphanol
  - Dihydroergotamine
  - Sumatriptan
- 16) Which of the following drugs if given with terfenadine, can cause ventricular arrhythmias
- Ampicillin
  - Sparfloxacin
  - Ketoconazole
  - Griseofulvin
- 17) A 50 yr old patient on Tab. Aspirin will have increase in which of the following parameter
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- Naproxen
  - Diclofenac sodium
  - Celecoxib
  - Indomethacin
- 19) Which of the following prostaglandin analogue is used in the treatment of erectile dysfunction
- Epoprostenol
  - Enprostil
  - Iloprost
  - Alprostadil
- 20) The phosphodiesterase inhibitor approved for treatment of COPD is
- Zileuton
  - Roflumilast
  - Azelastine
  - Albuterol

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