

Sl.No. M21967

Course Code : 161022T05

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)**

**MBBS DEGREE EXAMINATION – February 2020
Second Year**

PHARMACOLOGY - PAPER I

SECTION A

Time: Fifteen Minutes

Maximum: 15 marks

Register Number :

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Signature of the candidate

Signature of the Invigilator

Instructions to the candidates

- 1. Write your Register Number and sign at the place specified on the first page of this Question Booklet.**
- 2. Do not open this question booklet until Invigilator announces the commencement of the examination.**
- 3. Answer ALL the Fifteen questions. They carry equal marks. No negative marking for wrong answers.**
- 4. Answers should be marked legibly in the SHEET provided in capital letters.**
- 5. THE QUESTION BOOKLET SHOULD NOT BE TAKEN OUT OF THE EXAMINATION HALL.**
- 6. Questions should not be copied and taken out of the Examination Hall. Any one found violating this rule shall not be permitted to write the examination and shall be sent out of the Hall.**
- 7. At the end of 15 minutes, when the Invigilator announces 'STOP WRITING' you must stop writing immediately. If the candidate tries to attempt to answer the questions after the prescribed time, their answer script becomes invalid.**
- 8. Hand over the questions booklet containing answer sheet to the invigilator when you finish answering or immediately after 15 minutes.**

PHARMACOLOGY - PAPER I
SECTION-A (15X1=15 MARKS)
(Multiple choice questions)

Time: Fifteen Minutes

Maximum: 15 marks

Select the most appropriate answer and answer in the answer sheet attached:

1. Route of administration which provides 100% Bioavailability
 - A. Intravenous
 - B. Oral
 - C. Intramuscular
 - D. Subcutaneous

2. Branch of pharmacology which deals with study of ADRs
 - A. Pharmacokinetics
 - B. Pharmacoepidemiology
 - C. Pharmacovigilance
 - D. Pharmacoeconomics

3. Dissociative Anaesthesia is produced with the drug
 - A. Diazepam
 - B. Ketamine
 - C. Thiopentone sodium
 - D. Halothane

4. The Antidote for Morphine toxicity is
 - A. Naltrexone
 - B. Flumazenil
 - C. Nitazoxanide
 - D. Tizanidine

5. The use of genetic information to guide the choice of drug and dose on an individual is studied in
 - A. Pharmacogenetics
 - B. Pharmacognosy
 - C. Pharmacogenomics
 - D. Pharmacovigilance

(p.t.o.)

6. Which of the following drugs has poor anti-inflammatory action
 - A. Diclofenac sodium
 - B. Paracetamol
 - C. Piroxicam
 - D. Ibuprofen
7. The drug of choice in acute attack of Migraine is
 - A. Sumatriptan
 - B. Propranolol
 - C. Flumazenil
 - D. Metacloperamide
8. Centrally acting Muscle relaxant is
 - A. Carisoprodol
 - B. Codeine
 - C. Dantrolene sodium
 - D. Aspirin
9. Ondansetron is
 - A. 5-HT agonist
 - B. 5-HT antagonist
 - C. Dopamine receptor agonist
 - D. H1 receptor antagonist
10. The most suitable Tetracycline for use in a patient with impaired renal function is
 - A. Chlortetracycline
 - B. Demeclocycline
 - C. Oxytetracycline
 - D. Doxycycline
11. The drug of choice for treatment of methicillin resistant staphylococcus aureus infection is
 - A. Cloxacillin
 - B. Erythromycin
 - C. Vancomycin
 - D. Streptomycin

12. The drug used in (MAC) Mycobacterium Avium Complex infection is
- A. Clarithromycin
 - B. Azithromycin
 - C. Roxithromycin
 - D. Erythromycin
13. All are Prokinetic Drugs except
- A. Cisapride
 - B. Mosapride
 - C. Metoclopramide
 - D. Ondansetron
14. The concentration of sodium in WHO Oral rehydration solution is
- A. 40mmol/L
 - B. 60mmol/L
 - C. 90mmol/L
 - D. 110mmol/L
15. The drug of choice for tropical eosinophilia is
- A. Carbamazepine
 - B. Cetrizine
 - C. Clomiphene citrate
 - D. Diethyl Carbamazine citrate

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PHARMACOLOGY – PAPER I

Time : Three hours

Maximum : 80 marks

Answer ALL Questions

Answer Section A in the Answer Sheet attached to it 15 marks – 15 minutes to be handed over to the invigilator immediately after 15 minutes

Answer Section B in the same answer book

Time : 2 hours 45 minutes

SECTION – B

Maximum : 65 marks

I. Write essays on : (2 x 15 = 30)

1. (a) Classify Antiepileptic drugs. (5)
(b) Write mechanism of action, uses and adverse effects of Phenytoin. (5)
(c) Add a note on Status epilepticus. (5)
2. (a) Classify AntiMalarial drugs. (5)
(b) Write mechanism of action,uses and adverse effects of Chloroquine. (6)
(c) Add a note on Artemesinin-based combination therapy. (4)

II. Short notes on : (5 x 5= 25)

3. Phase I reactions (Non synthetic reactions)
4. Lignocaine
5. Extended spectrum Penicillins
6. Topical antifungal drugs
7. Treatment of H.Pylori infection.

III. Answer briefly on : (5 x 2 = 10)

8. First pass Metabolism.
9. Mention two uses and two adverse effects of Succinylcholine
10. Four uses and four adverse effects of Fluoroquinolones
11. Mention four newer Anti-tubercular drugs
12. Name four drugs used in Inflammatory Bowel Disease.
