

Sl.No. M23032

Course Code : 161022T05

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

MBBS DEGREE EXAMINATION – October 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

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**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. Essential drugs are
  - A. Lifesaving drugs
  - B. Drugs that meet the health needs of majority of the population
  - C. Drugs that must be present in the emergency bag
  - D. Drugs that are listed in the pharmacopoeia of a country
  
2. Alkalinisation of urine hastens excretion of
  - A. Weakly basic drugs
  - B. Weakly acidic drugs
  - C. Strong electrolytes
  - D. Nonpolar drugs
  
3. Drug metabolism can be induced by the following factors except
  - A. Cigarette smoking
  - B. Acute alcohol consumption
  - C. Exposure to insecticides
  - D. Consumption of charcoal broiled meat
  
4. The Antidote for Benzodiazepine toxicity is
  - A. Naltrexone
  - B. Flumazenil
  - C. Nitazoxanide
  - D. Tizanidine
  
5. The drug which undergoes Hoffman elimination is
  - A. Tubocurarine
  - B. Pancuronium
  - C. Vecuronium
  - D. Atracurium
  
6. Surface anaesthesia is used for the following except
  - A. Ocular tonometry
  - B. Urethral dilatation
  - C. Tooth extraction
  - D. Anal fissure

(p.t.o.)

7. Selective MAO-B inhibitor is
  - A. Selegiline
  - B. Moclobemide
  - C. Chlorgiline
  - D. Tranylcypromine
8. Prostaglandin analogue used in Peptic ulcer is
  - A. Carboprost
  - B. Misoprostol
  - C. Alprostadil
  - D. Gemeprost
9. Tegaserod is
  - A. 5-HT agonist
  - B. 5-HT antagonist
  - C. Dopamine receptor agonist
  - D. H1 receptor antagonist
10. The sequential blockade is seen with
  - A. Chlortetracycline
  - B. Clotrimazole
  - C. Clotrimoxazole
  - D. Cyclophosphamide
11. The drug of choice for treatment of Vancomycin resistant staphylococcus aureus infection is
  - A. Cloxacillin
  - B. Azithromycin
  - C. Teicoplanin
  - D. Linezolid
12. The drug used in Methotrexate toxicity
  - A. Folic acid
  - B. Folinic acid
  - C. Fomepazole
  - D. Furosemide
13. The purgative that should not be taken at bed time
  - A. Ispaghula
  - B. Bisacodyl
  - C. Senna
  - D. Magnesium sulfate

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14. Extrapyramidal side effect is seen with
- A. Cimetidine
  - B. Metaclopramide
  - C. Hyoscine
  - D. Ondansetron
15. The drug used in radical cure of relapsing malaria is
- A. Chloroquine
  - B. Quinine
  - C. Mefloquine
  - D. Primaquine

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**MBBS DEGREE EXAMINATION – October 2020**

**Second Year**

**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 General Anaesthetic drugs.  
(b) Write mechanism of action, uses and adverse effects of Halothane.  
(c) Add a note on Ketamine. (5+5+5)
2. (a) Classify drugs used in treatment of Peptic Ulcer.  
(b) Write mechanism of action, uses and adverse effects of Omeprazole.  
(c) Add a note on Pharmacotherapy of Helicobacter Pylori infection. (5+6+4)

**II. Short notes on :**

**(5 x 5= 25)**

3. Novel drug delivery system
4. Second generation H<sub>1</sub> Antihistaminics drugs
5. Rifampicin
6. Techniques and uses of Local anaesthetics
7. III generation Cephalosporins

**III. Answer briefly on :**

**(5 x 2 = 10)**

8. Pharmacovigilance
9. Name four 5-HT Analogues and their uses
10. Four uses and four adverse effects of Metronidazole
11. Name four Antibiotic anticancer drugs
12. Name four Anti emetics and their site of action.

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