

Sl.No. M23033

Course Code : 161022T06

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

**MBBS DEGREE EXAMINATION – October 2020**

**Second Year**

**PHARMACOLOGY - PAPER II**

**SECTION A**

**Time: Fifteen Minutes**

**Maximum: 15 marks**

**Register Number :**

--	--	--	--	--	--	--	--	--	--

**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 II**

**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. Antimuscarinic drug used in overactive bladder is
  - A. Dapsone
  - B. Darifenacin
  - C. Dicyclomine
  - D. Dobutamine
2. The site of action of thiazide diuretics is
  - A. Proximal convoluted tubule
  - B. Loop of HENLE
  - C. Glomerulus
  - D. Distal convoluted tubule
3. The antihypertensive drug preferred in hypertensive diabetic patients
  - A. Calcium channel blockers
  - B.  $\beta$  - blockers
  - C. ACE inhibitors
  - D. Diuretics
4. Inhalational glucocorticoid
  - A. Prednisolone
  - B. Dexamethasone
  - C. Hydrocortisone
  - D. Beclomethasone.
5. All are gonadotropin releasing hormone antagonists except
  - A. Ganirelix
  - B. Leuprolide
  - C. Cetrorelix
  - D. Abarelix

(p.t.o.)

6. The prostaglandin analogue which stimulate uterus is
  - A. Misoprostol
  - B. Latanoprost
  - C. Alprostadil
  - D. Bimatoprost
  
7. The specific antidote for lead toxicity is
  - A. Dimercaprol
  - B. Desferrioxamine
  - C. D-penicillamine
  - D. Calcium Edetate disodium
  
8. Anaemia can be prevented with use of
  - A. Darbepoetin alfa
  - B. Filgrastim
  - C. Sargramostim
  - D. Oprelvekin
  
9. Sildenafil acts by inhibiting
  - A. PDE III
  - B. PDE IV
  - C. PDE V
  - D. PDE II
  
10. The drug which increases HDL cholesterol is
  - A. Atorvastatin
  - B. Fibrates
  - C. Ezetimibe
  - D. Colestipol
  
11. The drug used in the treatment of anaphylactic shock due to insect bite
  - A. Noradrenaline
  - B. Atropine
  - C. Adrenaline
  - D. Chlorpheniramine.

12. The clonidine withdrawal symptoms are treated with
- A. Atenolol
  - B. Labetalol
  - C. Propranolol
  - D. Timolol
13. Leukotriene antagonist is
- A. Zileuton
  - B. Cromolyn sodium
  - C. Cilomilast
  - D. Montelukast
14. All are adverse effects of Furosemide except
- A. Hypokalaemia
  - B. Hyponatremia
  - C. Hypercalcemia
  - D. Hyperglycaemia
15. All are injectable local anaesthetic except
- A. Lignocaine
  - B. Bupivacaine
  - C. Prilocaine
  - D. Benzocaine.

\*\*\*\*\*

(Sl.No. M23033)

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

**MBBS DEGREE EXAMINATION – October 2020**

Second Year

**PHARMACOLOGY – PAPER II**

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 Insulins.  
b) Write their mechanism of action, uses and adverse effects.  
c) Add a note on newer Insulin delivery systems. (4+3+2+3+3)
2. a) Classify drugs used in Hypertension.  
b) Write Mechanism of action, uses and adverse effects of Angiotensin receptor blockers.  
c) Add a note on hypertension in pregnancy.

**II. Short notes on :**

**(5 x 5= 25)**

3. Reversible anticholinesterase drugs
4. Cough expectorants
5. Bisphosphonates
6. P<sub>2</sub>Y<sub>12</sub> antagonists (P<sub>2</sub> Y<sub>12</sub> receptor blockers).
7. Vitamin D

**III. Answer briefly on :**

**(5 x 2 = 10)**

8. Four uses and adverse effects of lignocaine.
9. D-Penicillamine.
10. Mention four drugs causing phototoxicity.
11. Vitamin B<sub>12</sub> preparation and their uses.
12. Name four inhalational drug preparations used for bronchial asthma.

\*\*\*\*\*