

Sl.No. M21463

Course Code : 161022T06

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

MBBS DEGREE EXAMINATION – August 2019

Second Year

PHARMACOLOGY - PAPER II

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 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. Beta blocker with peripheral vasodilator action is:

- A. Carvedilol
- B. Propranolol
- C. Atenolol
- D. Acebutolol

2. All of the following are selective beta-1 blockers except:

- A. Atenolol
- B. Esmolol
- C. Bisoprolol
- D. Celeprolol

3. The common side effect of terazosin is:

- A. Bronchospasm
- B. Postural hypotension
- C. Sedation
- D. Heart failure

4. Pralidoxime (PAM-2) is not useful in the treatment of:

- A. Malathion
- B. Parathion
- C. Paraoxon
- D. Propoxur

5. Which drug is preferred as a bronchodilator in patients with chronic obstructive pulmonary disease (COPD)?

- A. Albuterol (Salbutamol)
- B. Ipratropium bromide
- C. Pseudoephedrine
- D. Theophylline

6. Which anti-hypertensive agent can be used during pregnancy?

- A. Spironolactone
- B. Labetalol
- C. ACE inhibitors
- D. Sodium nitroprusside

7. The most useful diuretic in the treatment of pulmonary edema is:

- A. Acetazolamide
- B. Furosemide
- C. Mannitol
- D. Hydrochlorthiazide

8. Which insulin preparation is preferred in diabetic ketoacidosis?

- A. Regular insulin
- B. Lente insulin
- C. Isophane insulin
- D. Monocomponent insulin

9. Prolonged use of steroids may cause

- A. Decrease in bone matrix protein
- B. Hypoglycemia
- C. Hypotension
- D. Early healing of wound

10. Danazol is used for all of the following disorders except:

- A. Amenorrhoea
- B. Endometriosis
- C. Fibrocystic breast disease
- D. Precocious puberty in male children

11. Which of the following steroid is preferred in status asthmaticus?

- A. Budesonide
- B. Beclomethasonedipropionate
- C. Fluticasone
- D. Hydrocortisonehemisuccinate

12. Which of the following drugs is not used topically for the treatment of open angle glaucoma?

- A. Latanoprost
- B. Brinzolamide
- C. Acetazolamide

D. Dorzolamide

13. Agent which causes both cycloplegia and mydriasis on topical application in eye is:

- A. Atropine
- B. Phenylephrine
- C. Prazosin
- D. Carbachol

14. Which of the following anticholinergic is preferred in pre-anaesthetic medication?

- A. Glycopyrrolate
- B. Isopropamide
- C. Dicyclomine
- D. Pirenzolatemethylbromide

15. Digoxin is not a drug of choice in:

- A. Atrial flutter
- B. Atrial fibrillation
- C. Paroxysmal supraventricular tachycardia
- D. High output failure

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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. Classify anticholinergic drugs. Discuss the mechanism of action, therapeutic uses and adverse effects of atropine.
2. Classify oral hypoglycaemic agents. Discuss the mechanism of action of sulfonylureas. Mention the drug interactions by sulfonylureas.

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

3. Therapeutic uses and adverse effects of beta blockers.
4. Ivabradine
5. Chromolyn sodium
6. Warfarin sodium
7. Dimercaprol.

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

8. Mention the drugs used in digoxin toxicity.
9. Radioactive Iodine
10. Mention the drugs used in iron deficiency anaemia.
11. D-penicillamine
12. Mention four drugs used in supraventricular tachycardia.
