

Sl.No. M21015

Course Code : 13118203

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

**BDS DEGREE EXAMINATION –September 2021
Second Year
GENERAL DENTAL PHARMACOLOGY AND THERAPEUTICS**

SECTION A

Time: Twenty Minutes

Maximum: 20 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 Twenty 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 20 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 20 minutes.**

GENERAL DENTAL PHARMACOLOGY AND THERAPEUTICS**SECTION-A (20X1=20 MARKS)**

(Multiple choice questions)

Time: Twenty Minutes

Maximum: 20 marks

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

1. Therapeutic index of drug denotes
 - A. Efficacy of the drug
 - B. Safety of the drug
 - C. Affinity of the drug
 - D. Interactions of drug
2. Idiosyncrasy is an adverse effect due to
 - A. Genetically determined variation
 - B. T cell mediated
 - C. Foetal abnormalities
 - D. Dependence
3. Atropine has following uses EXCEPT
 - A. Mydriatic
 - B. Preanaesthetic medication
 - C. Antispasmodic
 - D. Cardiac stimulant
4. Drug of choice in allergic reactions is
 - A. Cetrizine
 - B. Ranitidine
 - C. Losartan
 - D. Sumatriptan
5. Lignocaine acts by
 - A. Opening calcium channels
 - B. Blocking sodium channels
 - C. Opening chlorine channels
 - D. Blocking potassium channels
6. Corticosteroids are used in bronchial asthma due to its
 - A. Bronchodilation
 - B. Anti inflammation
 - C. Mast cell stabilization
 - D. CNS stimulation
7. Furosemide, Torsemide are the drugs used in
 - A. Hypertension and cardiac failure
 - B. Epilepsy and relaxant
 - C. Vomiting and diarrhoea
 - D. Anaemia and hemolysis
8. Codeine, an opioid drug is mainly used as
 - A. Antiemetic
 - B. Antitussive
 - C. Antiviral
 - D. Antiallergic
9. Metformin produces antidiabetic effect by
 - A. Reversing insulin resistance
 - B. Inhibits alpha glucosidases
 - C. Promoting peripheral glucose utilization
 - D. By opening K⁺ channels

10. The following LA technique is not used in Dentistry
 - A. Surface anaesthesia
 - B. Infiltration anaesthesia
 - C. Nerve block anaesthesia
 - D. Epidural anaesthesia.
11. Drug used in alcohol deaddiction is
 - A. Metronidazole
 - B. Disulfiram
 - C. Flumazenil
 - D. Protamine sulphate
12. Ultrashort acting general anaesthetic used as inducing agent is
 - A. Halothane
 - B. Ether
 - C. Diazepam
 - D. Thiopentone
13. Hypertrophy and hyperplasia of gums are the adverse effects of
 - A. Phenytoin sodium
 - B. Carbamazepine
 - C. Phenobarbitone
 - D. Valproic acid
14. Nifedipine is used in following conditions except
 - A. Angina pectoris
 - B. Hypertension
 - C. Arrhythmia
 - D. Heart failure
15. Drug used in acute iron poisoning is
 - A. Calcium
 - B. Desferrioxime
 - C. Dimercaprol
 - D. Penicillamine
16. One of the following is not used as Styptics/ Haemostatic agents
 - A. Thrombin
 - B. Fibrin
 - C. Tannic acid
 - D. Warfarin
17. Fanconi- like syndrome is due to use of outdated drugs of
 - A. Penicillin
 - B. Tetracycline
 - C. Erythromycin
 - D. Vancomycin
18. Antiviral drug used in swine flu is
 - A. Oseltamavir
 - B. Acyclovir
 - C. Zidovudine
 - D. Nevirapine
19. Anabolic steroids are
 - A. androgen with higher anabolic and lower androgenic activity
 - B. Estrogen and progesterone combinations
 - C. secreted by adrenal cortex
 - D. Used in bronchial asthma
20. Protamine sulphate is the antagonist of
 - A. Morphine
 - B. Alcohol
 - C. Paracetamol
 - D. Heparin

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**BDS DEGREE EXAMINATION – September 2021
Second Year**

GENERAL DENTAL PHARMACOLOGY AND THERAPEUTICS

Time : Three hours

Maximum : 70 marks

Answer ALL Questions

Answer Section A in the Answer Sheet attached to it 20 marks – 20 minutes to be handed over to the invigilator immediately after 20 minutes

Answer Section B & C in the same answer book

Time : 2 hours 40 minutes

SECTION – B & C

Maximum : 50 marks

SECTION – B

I. Write an Essay on :

(1 x 10 = 10)

1. Classify Sedatives and Hypnotics. Explain the mechanism of action and uses of Benzodiazepam. Write a note on preference of diazepam over barbiturates.

II. Write short notes on :

(3 x 5 = 15)

2. Salbutamol.
3. Insulin preparations.
4. Antiemetics.

SECTION – C

III. Write an Essay on :

(1 x 10 = 10)

5. Classify Antihypertensive drugs. Explain the mechanism of action and uses of Captopril. List the adverse effects of Captopril.

IV. Write short notes on :

(3 x 5 = 15)

6. Pancuronium.
7. Ciprofloxacin.
8. Methotrexate.
