

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

BDS DEGREE EXAMINATION – July 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

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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 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. All of the following are conjugation reactions except
  - A. Glu chronidation
  - B. Acetylation
  - C. N-methylation
  - D. N-oxidation
  
2. All of these drugs are excreted through breath except
  - A. General Anaesthetics
  - B. Corticosteroids
  - C. Alcohol
  - D. Nitrous oxide
  
3. Opioid analgesic with shortest duration of analgesia
  - A. Morphine
  - B. Codeine
  - C. Methadone
  - D. Pethidine
  
4. Trigeminal Neuralgia is treated with
  - A. Phenytoin
  - B. Carbamazepine
  - C. Citalopram
  - D. Lithium
  
5. All are inducing agents in Anaesthesia except
  - A. Thiopentone
  - B. Midazolam
  - C. Propofol
  - D. Diazepam
  
6.  $\alpha$  - agonist used in Glaucoma
  - A. Dipiverfrine
  - B. Noradrenaline
  - C. Adrenaline
  - D. Metazoline

(p.t.o.)

7. Anticholinergic analogue used to decrease secretions is
- A. Benztropine
  - B. Dicyclomine
  - C. Glycopyrrolate
  - D. Homotropine
8. All are potassium sparing diuretic except
- A. Spiranolactone
  - B. Amiloride
  - C. Triamterene
  - D. Cromokalim
9.  $\beta$  – blocker used in congestive cardiac failure is
- A. Atenolol
  - B. Tramadol
  - C. Carvedilol
  - D. Pindolol
10. Renin inhibitor is
- A. Alistaren
  - B. Spiranolactone
  - C. Ivabradine
  - D. Nesiritide
11. Vitamin B<sub>12</sub> preparation used to treat Anaemia
- A. Hydroxycobalamin
  - B. Methylcobalamin
  - C. Folinic acid
  - D. Cobalamin
12. All are  $\beta$  – lactamase inhibitors except
- A. Clavulanic acid
  - B. Sulbactam
  - C. Tazobactam
  - D. Monobactam
13. Cephalosporin preparation which causes disulfiram like reaction is
- A. Cephalexin
  - B. Cefotetan
  - C. Ceftriaxone
  - D. Cefoperazone

(p.t.o.)

14. Swine flu H<sub>1</sub>N<sub>1</sub> viral infection is treated with
- A. Oseltamivir
  - B. Acyclovir
  - C. Interferons
  - D. Ritonavir
15. Antidote for cyclophosphamide toxicity is
- A. Folinic acid
  - B. Sargramostim
  - C. Mesna
  - D. Oprelvekin
16. All are mucolytics except
- A. Ambroxol
  - B. Acetylcysteine
  - C. Bromhexine
  - D. Noscapine
17. Acute attack of migraine headache is treated with
- A. Propranolol
  - B. Sumatriptan
  - C. Verapamil
  - D. Flunarizine
18. Copper toxicity is treated with
- A. Dimercaprol
  - B. D-penicillamine
  - C. Desferrioxamine
  - D. Deferiprone
19. All are prokinetic drugs except
- A. Metoclopramide
  - B. Domperidone
  - C. Mosapride
  - D. Ondansetron
20. The drug which promotes defecation without increasing peristalsis is
- A. Docusate Sodium
  - B. Cascara
  - C. Castor oil
  - D. Milk of magnesia

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**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 Antihypertensive drugs. Write mechanism of action, uses and adverse effects of ACE (Angiotensin Converting Enzyme) inhibitors.

II. Write short notes on: (3 x 5= 15)

2. Bio availability
3. Lignocaine
4. Fibrinolytics

**SECTION – C**

III. Write an Essay on: (1 x 10 = 10)

5. Classify Oral Antidiabetic drugs. Write mechanism of action, uses and adverse effects of metformin.

IV. Write short notes on: (3 x 5= 15)

6. Proton pump inhibitors
7. Azithromycin
8. Extended spectrum penicillins.

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