

Sl.No. M21034

Course Code : 161324T02

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

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

**ORAL AND MAXILLOFACIAL SURGERY**

**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.**

**ORAL AND MAXILLOFACIAL SURGERY**  
**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. The lipid solubility of the local anesthetic determines its
  - A. Potency of the drug
  - B. Duration of action
  - C. pH of the drug
  - D. Metabolization of drugs
2. The drug Propofol is
  - A. Muscle relaxant
  - B. General Anesthetic Induction agent
  - C. General Anesthetic Reversal Agent
  - D. Reversal Agent for Midazolam
3. The Optimum depth of External chest compression for adult patients in BLS
  - A. Atleast 3 inches
  - B. Atleast 1 inches
  - C. Atleast 2 inches
  - D. Less than 1 inch
4. The only motor nerve in the posterior division of mandibular nerve is
  - A. Deep temporal
  - B. Manetric
  - C. Medial Pterygoid
  - D. Mylohyoid
5. Hyper basic Oxygen therapy is advised to treat
  - A. Osteoradionecrosis
  - B. Sub masseteric space infection
  - C. Dentigerous cyst
  - D. Ludwig's Angina
6. The privacy spaces are the following except
  - A. Buccal
  - B. Infra temporal
  - C. Manetric
  - D. Set Mandibular
7. Guerin's sign indicates
  - A. Base of skull fracture
  - B. Mid palatine fracture
  - C. Mid mandibular fracture
  - D. Angle fracture
8. Botulinum toxin produces skeletal muscle paralysis by
  - A. Enhancing release of epinephrine
  - B. Producing hemolysis
  - C. Damaged dendrites
  - D. Inhibit release of acetylcholine
9. Bright sign is seen its
  - A. Antral wall fracture
  - B. Orbital Medial wall fracture
  - C. Orbital roof fracture
  - D. Naso ethmoidal tumors

10. Homan's sign is
  - A. Strobing of the lateral aspect of the sole of the foot causes plantar flexion
  - B. Alternating hypopnea, shallow respiration and apnea
  - C. Pain in the calf when the toe is dorsiflexed
  - D. Trigeminal cardiac reflex
11. Oral Anti coagulants are monitored by
  - A. Partial thromboplastin time
  - B. Prothrombin time
  - C. Bleeding time
  - D. Clotting time
12. Sweating criteria is related to
  - A. Bells Palsy
  - B. Trigeminal Neuralgia
  - C. Frey's Syndrome
  - D. Upper motor Neuron Palsy
13. On applying pressure to the angle of the mandible to maintain the patency of the airway which nerve is damaged
  - A. VI
  - B. IV
  - C. VII
  - D. X
14. Parotitis is markedly present with a swelling that
  - A. Increases Salivary secretion
  - B. Hyperhidrosis
  - C. Raises the ear lobe
  - D. Hyperkalemia
15. The blood brain barrier is absent in all of this except
  - A. Subfornical region
  - B. Neuro hypophysis
  - C. Area Postrema
  - D. Habenular trigone
16. Necrotizing fasciitis involves
  - A. Fascia
  - B. Skin
  - C. Muscle
  - D. All of the above
17. Sellick Maneuver
  - A. Thoracotomy needle inserted to drain
  - B. In a trauma patient to position Spine
  - C. Downward pressure on cricoid during intubation
  - D. Chest X-Ray to ascertain the nasotracheal tube
18. "Hot Potato" voice is seen in
  - A. Pterygomandibular space infection
  - B. Infratemporal space infection
  - C. Pretracheal space infection
  - D. Submasseteric space infection
19. All of the following are supplied by the facial Nerve except
  - A. Anterior belly of digastric
  - B. Stylohyoid
  - C. Platysma
  - D. Auricular muscles
20. A 1 ml of a 2% lignocaine solution contains ----- mg of the local anesthetic
  - A. 1:100000
  - B. 200 mg
  - C. 20 mg
  - D. 2 mg

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ORAL AND MAXILLOFACIAL SURGERY**

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 fracture Mandible. How will you diagnose and treat a case of fracture in the Parasymphysis regions of the mandible.

**II. Write short notes on :**

**(3 x 5 = 15)**

2. Dry Socket
3. Odontogenic abscess.
4. Indication and procedure of Le Fort I Osteotomy.

**SECTION – C**

**III. Write an Essay on :**

**(1 x 10 = 10)**

5. What is Ludwig's Angina? Write in detail the spaces involved and its medical and Surgical management. How would you avoid an emergency when diagnosing and Patient with Ludwig's Angina?

**IV. Write short notes on :**

**(3 x 5 = 15)**

6. Oroantral fistula.
7. Composition of Carnoy's solution with its uses.
8. Gillies temporal approach.

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