

**Final B.D.S. Examination
- Periodontology**

Date : 21-12-2018, Friday]

[Max. Marks : 70

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
 (2) Figure to the right indicates marks.
 (3) Draw diagrams wherever necessary.
 (4) Write legibly.
 (5) Use separate answer books for each section.

SECTION-I

MARKS 14

Q.1 ANSWER ANY TWO

1. Discuss in detail alveolus bone in health and disease.
2. Classify Furcation. Give signs and symptoms and treatment of grade II Furcation.
3. What do you mean by Regenerative Osseous Surgery? What are the various materials used?

Q.2 WRITE SHORT NOTES ON ANY THREE

MARKS: 15

1. Host Modulation
2. Stages of gingivitis
3. classification of cementum.
4. Chemical plaque control

Q.3 ANSWER ANY SIX

MARKS: 06

1. COL
2. Neutrophil
3. Reversed architecture of bone
4. Sub gingival calculus
5. Width of attached gingiva
6. Sharpey's fibres
7. Pseudo pocket
8. Cementicles

SECTION II**Q.4 ANSWER ANY TWO**

MARKS 14

1. Discuss in detail aggressive periodontitis with treatment.
2. Explain dental implants in detail.
3. Explain gingival enlargement in detail with treatment.

Q.5 WRITE SHORT NOTES ON ANY THREE

MARKS: 15

1. Dental plaque
2. Periodontal probe.
3. Pathogenesis of periodontal pocket.
4. Radiographic appearance of periodontal disease.

Q.6 ANSWER ANY SIX

MARKS: 06

1. Periotest
2. Definition of periodontitis.
3. Gracy curette
4. Red complexes
5. Junctional epithelium
6. ENAP
7. GBR Full name.
8. Define gingival recession

Final B.D.S. Examination
Oral Medicine and Radiology

Date : 24-12-2018, Monday]

[Max. Marks : 70

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

SECTION – A

- 1. Write notes on (any two) 14**
- a. Classify the various fungal infections of the oral cavity. Discuss in detail about etiology, clinical features, investigations and treatment of Candidiasis.
 - b. Classify gingival enlargement of the oral cavity. Write in detail the etiology, diagnosis and management of drug induced gingival enlargement.
 - c. Classify the various salivary gland disorders. Discuss in detail about etiology, clinical features, investigations and treatment of Sjogren's syndrome.
- 2. Write short notes on (any three) 15**
- a. Hypothyroidism
 - b. Scurvy
 - c. Bleeding time and clotting time
 - d. Mumps
- 3. Answer in one or two sentences (any six) 06**
- a. What is ANUG?
 - b. What is Plummer Vinson syndrome?
 - c. Enumerate three forms of potentially malignant lesions
 - d. Name one contrast media used in sialography
 - e. What is Hutchinson's Triad?
 - f. Parotid gland duct is called as?
 - g. Enumerate the fat soluble vitamins
 - h. Name two steroids

P.T.O.]

1218 E 500 (2)
SECTION - B

4. Write notes on (any two)

14

- a. Enumerate the various radio-opaque and radiolucent lesions of the jaws. Discuss in detail the etiology, radiographic features and treatment of fibrous dysplasia.
- b. Classify osteomyelitis of the jaws. Discuss in detail the radiographic appearances, treatment of acute suppurative osteomyelitis.
- c. Enumerate the various normal anatomical radio-opaque and radiolucent landmarks of the jaws.

5. Write short notes on (any three)

15

- a. SLOB technique.
- b. Bitewing radiograph.
- c. Grids.
- d. Components of x-ray film packet

6. Write in one or two sentences (any six)

06

- a. What is the other name for short cone technique?
 - b. Who invented x-rays?
 - c. Waters view is indicated in?
 - d. What is Ghost image?
 - e. What are the parts of dental x-ray machine?
 - f. Occlusal radiograph is indicated for?
 - g. What is cervical burnout?
 - h. Elongation in a radiograph is due to?
-

Final B.D.S. Examination
Public Health Dentistry

Date : 26-12-2018, Wednesday]

[Max. Marks : 70

[Time : 3 Hours

- Instructions :
- (1) Answer to the point.
 - (2) Figure to the right indicates marks.
 - (3) Draw diagrams wherever necessary.
 - (4) Write legibly.
 - (5) Use separate answer books for each section.

Section-I

1. Long answer question (Any two) 2x7=14 marks

1. Define Epidemiology. Classify Epidemiological Methods and write in detail about Case Control studies.
2. Discuss in detail about Pit and Fissure sealants
3. Define Health Education. Discuss the various steps involved in planning for health education program.

2. Write Short notes on (Any three) 3x5=15 marks

1. Chi Square Test
2. Chemical plaque control
3. Risk factors & Prevention of Oral Cancer.
4. Census Vs Survey

3. Write in one or two sentences (Any six) 6x1=6 marks

1. What are types of Evaluation?
2. What are changing concepts of health?
3. Enumerate Tools of Dental Public Health
4. What is Sensitivity of an index?
5. What is a sample?
6. Enumerate measures of central tendency
7. What is Shoe leather survey?
8. What is Blanket referral?

1218 ESD1 (2)
Section-II

4. Long answer question (Any two)

2x7=14 marks

1. Discuss in detail about COPRA.
2. Define Water Fluoridation. Note on mechanism of action of fluorides in caries reduction. Write in detail about Fluoride Toxicity and its management.
3. What is oral health care delivery? Describe in detail about the various oral health care delivery systems in India.

5. Write Short notes on (Any three)

3x5=15 marks

1. Planning Cycle
2. A traumatic Restorative treatment
3. Third Party payments
4. Iceberg phenomenon of disease

6. Write in one or two sentences (Any six)

6x1=6 marks

1. What is Denturist?
 2. What is Snowball sampling?
 3. What is Incremental Dental Care?
 4. What is Blinding?
 5. What is Primordial prevention?
 6. What is Endemic?
 7. What is Veracity?
 8. What is Pathfinder survey?
-

Final B.D.S. Examination
Oral & Maxillofacial Surgery

Date : 19-12-2018, Wednesday]

[Max. Marks : 70

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

Section 1

Question 1: Answer any two of three (seven marks each) (14)

- a. Clinical Features, Diagnosis and Treatment of Unilateral TMJ Ankylosis
- b. Define Exodontia. Discuss Indications and Contraindications and Complications of Exodontia
- c. Define and Classify Cyst. Describe Odontogenic Keratocyst in details

Question 2: Answer any three of five (five marks each) (15)

- a. Buccal advancement flap
- b. Dry Socket
- c. Oropharyngeal & Nasopharyngeal airways.
- d. Open reduction internal fixation
- e. WAR Lines

Question 3: Answer any six of eight (one marks only) (06)

1. Local anesthesia with shortest half-life.
2. What is Guerin's sign?
3. Which movements are used for extraction of maxillary lateral incisor?
4. Which 2D radiographic view is used to study maxillary sinus?
5. Which anesthetic agent has got vasoconstrictor properties?
6. What is Anaphylactic Shock?
7. Define Oral Submucous Fibrosis.
8. Diagnostic sign for CSF Rhinorrhoea.

P.T.O.]

1218E496(2)
Section 2

Question 4: Answer any two of three (seven marks each) (14)

- a. Define Sterilization. Describe moist heat sterilization in details.
- b. Clinical features and management of Leforte 1 Fracture
- c. Define Impaction. Describe Pell and Gregory Classification and Management of Impacted mandibular third molar.

Question 5: Answer any three of five (Five marks each) (15)

- a. Ameloblastoma
- b. Ranula and Mucocele
- c. TNM Classification
- d. Haemorrhage
- e. Preprosthetic Surgery

Question 6: Answer any six of eight (one mark each) (06)

1. What is EMLA?
 2. Hemophilia
 3. First line of treatment for Trigeminal Neuralgia.
 4. Dental Implant
 5. What is BSSO?
 6. Syncope
 7. Ludwig's Angina
 8. Which biopsy is used for lesions less than 2cm in diameter?
-

Final B.D.S. Examination
Prosthodontics and Crown & Bridge

Date : 10-12-2018, Monday]

[Max. Marks : 70

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

Section -I

1. Write long essays (any two): 7×2=14
 - a. Define Centric relation. Discuss methods to record centric relation in completely edentulous patients.
 - b. What is gingival retraction? Describe methods to achieve the same.
 - c. Discuss factors affecting path of insertion of Removable partial dentures. Add a note on survey lines.

2. Write short notes (any three): 5×3=15
 - a. Anatomical landmarks of maxillary edentulous foundation
 - b. Impressions in FPDs
 - c. Altered cast technique for distal extension RPDs
 - d. Immediate denture

3. Write in one/two sentences (any six): 1×6=6
 - a. What is Maryland bridge?
 - b. Define Posterior palatal seal.
 - c. What is indirect retainer?
 - d. Name two biomaterials for dental implants.
 - e. What is the rationale of overdentures?
 - f. What are the materials available for provisional restoration in FPD's?
 - g. What is seven-eighth crown?

[P.T.O.]

1218E472(2)

Section II

4. Write long essay (any two): 7×2=14
- a. Discuss mouth preparations for Cast partial dentures in detail.
 - b. Describe biomechanical principles for tooth preparation.
 - c. Discuss sequelae of wearing complete dentures.
5. Write short notes (any three): 5×3=15
- a. Abutment selection for fixed partial dentures
 - b. Relining and rebasing in complete dentures
 - c. Mandibular major connectors
 - d. Obturators
6. Write in one/two sentences (any six): 1×6=6
- a. What is hinge axis?
 - b. Define Silverman's closest speaking space.
 - c. What is 'neutral zone'?
 - d. Function of post in post and core.
 - e. Primary stress bearing area in mandibular edentulous foundation.
 - f. What are 'Guide planes'?
 - g. Principle of RPI system.
-

Final B.D.S. Examination
Orthodontics & Dentofacial Orthopaedics

Date : 12-12-2018, Wednesday]

[Max. Marks : 70

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

SECTION I

- 1) Write **any two:** **14 marks**
- a) Define growth. Enumerate various theories of growth. Write in detail about Functional matrix theory.
 - b) Discuss Angle's classification of malocclusion & its modifications in detail.
 - c) Describe various surgical orthodontic procedures briefly.
- 2) Write short notes on **any three:** **15 marks**
- a) Types of tooth movement
 - b) Andrew's six keys of occlusion
 - c) NiTi alloy in orthodontics
 - d) Incisor liability
- 3) Write one or two sentences on **any six:** **6 marks**
- a) Who is considered as father of modern orthodontics
 - b) MARPE
 - c) Hand-wrist radiograph
 - d) Down's Facial angle
 - e) Euryprosopic facial form
 - f) The ideal overall ratio as per Bolton's analysis is _____
 - g) Antiflux
 - h) Hapsburg jaw

SECTION II

- 4) Write **any two:** **14 marks**
- a) Describe Preadjusted edgewise appliance in detail.
 - b) Describe the management of Class II division 1 malocclusion in a growing child.
 - c) Describe various extra-oral orthopedic appliances in detail.
- 5) Write short notes on **any three:** **15 marks**
- a) Extraction in orthodontics
 - b) Role of Genetics in malocclusion
 - c) Cleft lip & Palate
 - d) Scammon's growth curve
- 6) Write one or two sentences on **any six:** **6 marks**
- a) IOTN
 - b) Baker's anchorage
 - c) Transposition
 - d) Period of fetus
 - e) "E" line
 - f) Hyrax appliance
 - g) IPR
 - h) Name two most important radiographs advised for orthodontic diagnosis.

2/149

1218E486

Candidate's Seat No : _____

Final B.D.S. Examination
Conservative Dentistry & Endodontics

Date : 14-12-2018, Friday]

[Max. Marks : 70

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

SECTION 1

Q1. Write on any two:

(14)

- Discuss Histopathology of dental caries.
- Origin & Course of Inferior alveolar nerve.
- Casting shrinkage.

Q2. Write on any three:

(15)

- Walking Bleach. Discuss.
- How to manage hypersensitive dentin?
- Discuss contacts & contours.
- Xray as a diagnostic.

Q3. Write one or two sentences: (any six)

(6)

- Zinc in amalgam
- Silane
- Smooth surface caries
- Diagnosis of cracked tooth
- Internal walls
- Iontophoresis
- Rapid separation
- ART

P.T.O.]

1218E486 (2)

SECTION 2

Q4 Write on any two:

(1A)

- a) Internal anatomy of mandibular 1st molar.
- b) Newer irrigants.
- c) Storage media for avulsed tooth.

Q5 Write on any three:

(15)

- a) Thermoplasticized Gutta percha.
- b) Significance of biologic width.
- c) Microbial flora of root canal.
- d) Differential diagnosis of acute irreversible pulpitis.

Q6 Write one or two sentences: (any six)

(6)

- a) Reversible pulpitis
 - b) Pulp degeneration
 - c) Percussion test
 - d) Barbed broach
 - e) Tug back
 - f) Major diameter
 - g) Sodium Hypochlorite
 - h) Granuloma
-

Final B.D.S. Examination
Paediatric & Preventive Dentistry

Date : 17-12-2018, Monday]

[Max. Marks : 70

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

Section I

1. Write on (Any two)

- a. Define and classify handicapped condition. Describe in detail the clinical features and dental management of a child suffering from Leukemia.
- b. Define and classify Pulpotomy. Write in detail about Formocresol Pulpotomy.
- c. Classify Stainless steel crowns. Write its indications, clinical procedure and modifications for placement of stainless steel crowns. (14)

2. Write short notes on (Any Three)

- a. Types of fear
- b. Morphology of mandibular first primary molar
- c. Willet Inlay preparation
- d. Cavity Liners
- e. School Dental Health programme (15)

3. Write one/two sentences (Any six)

- a. Define Extraction
- b. Composition of Local anaesthesia
- c. Sugar substitutes
- d. ART
- e. Primate spaces
- f. Natal and Neonatal teeth
- g. Occult caries (6)

P.T.O.]

1218E493(2)
Section II

4. Write on (Any two)

- a. Classify traumatic injuries to anterior teeth. Write in detail the management of a child aged 7 years with Ellis's class V fracture in maxillary central incisor.
- b. Define conscious sedation. Write in detail about conscious sedation.
- c. Define and classify space maintainer. Write in detail about indication, contraindication, fabrication and modification of distal shoe space maintainer. (14)

5. Write short notes on (Any Three)

- a. Specific effects of premature tooth loss
- b. Self-Correcting Anomalies
- c. Cross Bites
- d. Bruxism
- e. Antibiotic prophylaxis against bacterial endocarditis. (15)

6. Write one/two sentences (Any six)

- a. Pulp capping agents
 - b. Green stains
 - c. Pedodontic Treatment Triangle
 - d. Pressure Appliance
 - e. Blanket Referral
 - f. Strip Crowns
 - g. TSD (6)
-