

QP Code:

Reg.No.:.....

**Final BDS Part I Degree Examinations
(Model Question Paper)**

Paper – I Oral Medicine and Radiology

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essay:

(2x14=28)

1. Describe the lymphatic supply of the head & neck. Discuss the differential diagnosis of cervical lymphadenopathy. (7+7=14)
2. Discuss the various biologic interactions of X Rays. Describe the radiographic changes in Osteoradionecrosis. (7+7=14)

Short essays

(4x8=32)

3. Differential diagnosis of Pericoronal radiolucencies.
4. Radiotherapy in Oral cancers
5. Digital imaging
6. Oral submucous fibrosis

Short notes

(10x4=40)

7. Cellulitis of the orofacial region
8. Methods of dental age estimation in medico legal cases.
9. Sialadenosis
10. Bite marks in Forensic Odontology
11. Dosimetry
12. Glossopyrosis.
13. Dental management of the patient on long term steroids
14. Electromagnetic spectrum
15. Radiographic appearance of Thalassemia
16. Importance of Lamina Dura in dentistry

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**Final BDS Part I Degree Examinations
(Model Question Paper)**

Paper – II Periodontology

Time: 3 hrs

Max marks:100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essay:

(2x14=28)

1. Define and classify plaque. Describe in detail the composition, steps in formation, various concepts and its clinical significance. Why dental plaque is considered as biofilm. (2+5+5+2=14)
2. Define and classify gingival recession . Describe the various techniques of root coverage procedures. Explain the indications, contraindications and step by step procedures of lateral pedicle graft . (4+5+5=14)

Short essays

(4x8=32)

3. Classify furcation. Describe the various techniques to manage grade II FI (furcation involvement) (5+3=8)
4. Describe briefly the clinical features and management of aggressive periodontitis (5+3=8)
5. Describe the clinical features , histopathological changes and radiological features of trauma from occlusion (5+3=8)
6. Discuss the periodontal bone defects and management of infrabony bone defect (5+3=8)

Short notes

(10x4=40)

7. Functions of periodontal ligaments
8. Causes of tooth mobility
9. Management of halitosis
10. Local drug delivery
11. Overall prognosis
12. Chlorhexidine
13. Periodontal disease and atherosclerosis
14. Management of drug induced gingival enlargement
15. Periodontal care of patients with diabetes
16. Rationlae of supportive periodontal therapy

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**Final BDS Part I Degree Examinations
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Paper – III Orthodontics & Dentofacial Orthopaedics

Time: 3 hrs

Max marks:100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essay:

(2x14=28)

1. Enumerate various theories of growth with its propounders. discuss the mode of action of Frankel Appliance with reference to functional matrix hypothesis.add a note on non compliant functional appliances. (4+7+3=14)
2. Define and classify anchorage. Illustrate anchorage with suitable examples and discuss the methods to reinforce anchorage. (2+8+4=14)

Short essays

(4x8=32)

3. Discuss the advantages and drawbacks of Angle's classification of malocclusion. Add a note on pitch, roll and yaw. (5+3=8)
4. Define serial extractions. Mention the indications, favorable clinical signs and advantages of performing serial extractions. Add a note on Tweed's technique of serial extraction. (2+4+2=8)
5. Enumerate various methods of gaining space. Discuss the indications and appliances used for rapid maxillary expansion. (3+5=8)
6. Elaborate on various schools of thoughts of retention. Mention the various methods of obtaining retention. (4+4=8)

Short notes

(10x4=40)

7. Hapsburg jaw
8. Apertognathia
9. Solder and flux
10. Classify diagnostic aids
11. Synchronosis
12. Informed consent
13. Jackson's triad
14. Archwires
15. Reverse orthodontics
16. Direct resorption

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**Final BDS Part I Degree Examinations
(Model Question Paper)**

Paper – IV Public Health Dentistry

Time: 3 hrs

Max marks:100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essay:

(2x14=28)

1. Classify fluoride delivery systems. Describe the mechanisms of action of fluoride. Explain the technique, dosage, procedure and advantages of acidulated phosphate fluoride. (3+3+2+2+2+2=14)
2. What are the various risk factors for periodontal disease. Outline the various levels of prevention of periodontal disease. Classify the various brushing techniques and explain Bass method. Enumerate various inter dental cleansing aids. (3+4+2+2+3=14)

Short essays

(4x8=32)

3. Define epidemiology. Classify and mention its objectives. Explain in detail about Cohort study. (2+2+4=8)
4. Classify agents used for chemical plaque control. Describe the mechanisms of action and various formulations of Chlorhexidine. (3+3+2=8)
5. Enumerate the various methods of water purification. Explain the components, design, merits and demerits of slow sand filters. (2+2+2+2=8)
6. What are the principles of primary health care. Outline the health care system in India. Mention the functions of a primary health center. (2+3+3=8)

Short notes

(10x4=40)

7. Mean and standard deviation
8. Media of health education
9. Student T test
10. Tell show do technique
11. Regulatory approach to cancer prevention.
12. Oral hygiene index simplified
13. Informed consent
14. Atraumatic restorative technique
15. Index age groups
16. Functions of dental council of India.
