

QP Code: 1212

## JSS UNIVERSITY, MYSORE

Fourth Year BDS Examination - Dec 2013

Subject: Public Health Dentistry

*Note: All questions are compulsory.  
Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.*

Time: 3 hours

Max. Marks: 70

### I. LONG ESSAYS

2x10=20 Marks

1. Define indices. What are the ideal characteristics of indices? Write in detail about Russell's periodontal index.
2. Define health education. Discuss in detail the principles of health education. Add a note on communication barriers.

### II. SHORT ESSAYS

6x5=30 Marks

3. Tell show do.
4. Sampling and sampling error.
5. Primary health care.
6. Third party payment.
7. Difference between case control and cohort study.
8. Rapid sand filter.

### III. SHORT ANSWERS

10x2=20 Marks

9. Bias.
10. Dental Council of India.
11. Denturist.
12. Informed consent.
13. Askov dental demonstration.
14. Disclosing solution.
15. Fluoride varnish.
16. Pilot study.
17. Screening.
18. Modified Bass technique.

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**JSS UNIVERSITY, MYSORE****Fourth Year BDS Examination - Dec 2013****Subject: Periodontology**

*Note: All questions are compulsory.  
Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.*

**Time: 3 hours****Max. Marks: 70****I. LONG ESSAYS****2x10=20 Marks**

1. Define and describe cementum in health.
2. Classify gingival enlargement. Describe clinical and histological features of idiopathic gingival enlargement.

**II. SHORT ESSAYS****6x5=30 Marks**

3. Diabetes and its relation to periodontal diseases.
4. Classify furcation involvement. How do you treat grade 2 furcation involvement?
5. Enumerate bone grafts.
6. Differences between gingival curettage and gingivectomy.
7. Periodontal dressing and its application in periodontal surgery.
8. Define and classify prognosis.

**III. SHORT ANSWERS****10x2=20 Marks**

9. Tetracycline.
10. Composition of dentifrice.
11. Fenestration.
12. Significance of attached gingiva.
13. Osteoplasty v/s ostectomy.
14. Bad breath.
15. Difference between scaler and curette.
16. Aetiology for gingival abscess.
17. Types of lasers.
18. Splints.

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**JSS UNIVERSITY, MYSORE****Fourth Year BDS Examination - Dec 2013****Subject: Oral & Maxillofacial Surgery**

*Note: All questions are compulsory.  
Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.*

**Time: 3 hours****Max. Marks: 70****I. LONG ESSAYS****2x10=20 Marks**

1. Define pain. Write in detail about types of pain, factors affecting pain and methods of pain management.
2. Define fracture. Discuss in detail the aetiology, clinical features, radiological features and management of Le Fort II fracture of maxilla.

**II. SHORT ESSAYS****6x5=30 Marks**

3. Ludwig's angina.
4. Ridge augmentation procedures.
5. Kaban's protocol.
6. Sequestrectomy & saucerization.
7. Indications of general anaesthesia in dentistry.
8. Surgical management of odontogenic keratocyst.

**III. SHORT ANSWERS****10x2=20 Marks**

9. Kole's procedure.
10. Steps in the surgical removal of impacted maxillary canine tooth.
11. Risdon's approach.
12. Rule of 10.
13. Sinus lift procedure.
14. Nonsteroidal anti-inflammatory agents.
15. Sentinel node biopsy.
16. Sialolithotomy.
17. Dry socket.
18. Diplopia.

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# JSS UNIVERSITY, MYSORE

Fourth Year BDS Examination - Dec 2013

Subject: Orthodontics & Dentofacial Orthopaedics

*Note: All questions are compulsory.  
Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.*

Time: 3 hours

Max. Marks: 70

## I. LONG ESSAYS

2x10=20 Marks

1. Define growth and development. Enumerate theories of growth. Write in detail about functional matrix hypothesis.
2. Describe skeletal maturity indicators. Discuss in detail Fishman's skeletal maturity indicators.

## II. SHORT ESSAYS

6x5=30 Marks

3. Mouth breathing habit.
4. Venn diagram.
5. Baker's anchorage.
6. Face mask.
7. Midline diastema.
8. Butler's field theory.

## III. SHORT ANSWERS

10x2=20 Marks

9. Six keys to occlusion.
10. Growth spurts.
11. Leeway space of Nance.
12. 18:18 stainless steel orthodontic wire.
13. Space maintainers.
14. Jackson's triad.
15. Soldering and welding.
16. Phases of tooth movement.
17. Broadbent's phenomenon.
18. Mandibular planes.

# JSS UNIVERSITY, MYSORE

Fourth Year BDS Examination - June 2013

Subject: Public Health Dentistry

*Note: All questions are compulsory.  
Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.*

Time: 3 hours

Max. Marks: 70

## I LONG ESSAYS

2x10=20 Marks

1. Define prevention. Classify and describe in detail levels of prevention. Describe briefly the prevention of dental caries.
2. Define 'indices'. What are the ideal characteristics of indices? Write in detail about community periodontal index of treatment needs.

## II SHORT ESSAYS

6x5=30 Marks

3. Consumer Protection Act.
4. Milk and salt fluoridation.
5. Mass media.
6. Principles of ethics.
7. Case control study.
8. Normal curve.

## III SHORT ANSWERS

10x2=20 Marks

9. New Zealand type school dental nurse.
10. Components of primary health care.
11. Dentist Act.
12. Measures of dispersion.
13. Tiel-Culemberg fluoridation study.
14. Brudevold's solution.
15. Tattle tooth programme.
16. Post payment plans.
17. Changing concepts of health.
18. Incineration.

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