

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination - June 2016

Subject: Paediatric & Preventive 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 space maintainers. Classify and describe in detail about distal shoe space maintainer. (2+8)
2. Define pulpotomy. Describe indications, objectives and contraindications for pulpotomy. Explain formocresol pulpotomy procedure. (2+2+2+2)

II. SHORT ESSAYS

6x5=30 Marks

3. Papillion Lèfevre syndrome.
4. Cerebral palsy.
5. Setting up of pedodontic clinic.
6. Precaution for treatment of HIV infected children.
7. Techniques of local anesthesia with recent advances.
8. Amelogenesis imperfecta.

III. SHORT ANSWERS

10x2=20 Marks

9. Gallium alloys.
10. Natal and neonatal tooth.
11. Masochistic habits.
12. Incisal liability.
13. Euphemisms.
14. Dental age vs skeletal age.
15. Diet analysis of sugar exposure.
16. Types of cry.
17. Synder's test.
18. Tunnel cavity preparation.

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination - June 2016

Subject: Prosthodontics & Crown and Bridge

*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 classify jaw relations. Enumerate methods of recording centric relation and describe any one of them. (3+3+4)
2. Write in detail about provisional restorations.

II. SHORT ESSAYS

6x5=30 Marks

3. Pick-up impression.
4. Gingival retraction.
5. Importance of die in FPD.
6. Immediate dentures.
7. Post and core.
8. Pontic in FPD.

III. SHORT ANSWERS

10x2=20 Marks

9. Posterior tooth form.
10. Incisive papilla.
11. Connectors in FPD.
12. Costen's syndrome.
13. Materials used in maxillo-facial prosthesis.
14. Importance of tripodding.
15. Classification of survey lines.
16. Over jet and over bite.
17. Denture adhesives.
18. $\frac{3}{4}$ th crown.

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination - June 2016

Subject: Conservative Dentistry and Endodontics

*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 hypersensitive dentine. Describe in detail about aetiology and management of hypersensitive dentine. (3+3+4)
2. Classify tooth discoloration. Write in detail about the aetiology and management of discolored tooth. (3+3+4)

II. SHORT ESSAYS

6x5=30 Marks

3. Indications and advantages of reverse 'S' curve.
4. Explain wedging techniques.
5. Black's instrument formula.
6. Composition and clinical uses of mineral trioxide aggregate.
7. Internal vs external tooth resorption.
8. Culture in endodontics.

III. SHORT ANSWERS

10x2=20 Marks

9. Platinized gold foil.
10. Erosion.
11. Dentine bonding agents.
12. Iontophoresis.
13. Tooth separators.
14. Apex locators.
15. Thermal test.
16. Polyantibiotic paste.
17. Applications of laser.
18. Apicectomy.

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination - June 2016

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

2x10=20 Marks

I. LONG ESSAYS

1. Write in detail about local and systemic complications of local anesthesia.
2. What is trigeminal neuralgia? Write in detail about the aetiology, clinical features and surgical management of trigeminal neuralgia.

6x5=30 Marks

II. SHORT ESSAYS

3. Vestibuloplasty.
4. Cleft palate.
5. Marx's protocol.
6. Importance of investigations in oral surgery.
7. Marsupialization.
8. Indications and procedures of alveoloplasty.

10x2=20 Marks

III. SHORT ANSWERS

9. Radiotherapy.
10. Expand the term 'WAR lines' and explain their significance.
11. Genioplasty.
12. Adams wiring.
13. Mucoperiosteal flaps for intraoral procedures.
14. Acute dislocation of temporo-mandibular joint (TMJ).
15. Infraorbital nerve block.
16. Sequence of extraction of teeth.
17. Antibiotics for pregnant patient requiring oral surgical procedures.
18. Buccal space infection.

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination- June 2016

Subject: Oral Medicine & Radiology

*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. Classify salivary gland disorders. Write a note on clinical features and treatment of sialolithiasis.
2. Explain the techniques used to take intra-oral peri-apical (IOPA) radiographs. Write the advantages and disadvantages of each technique.

(3+3+4)

(5+5)

II. SHORT ESSAYS

6x5=30 Marks

3. Fibrous dysplasia.
4. Non-Hodgkin's lymphoma.
5. Blue/purple vascular lesions.
6. Dental considerations of diabetic patient.
7. Sub mento vertex (SMV) view.
8. Factors controlling the X-ray beam

III. SHORT ANSWERS

10x2=20 Marks

9. Medical management of trigeminal neuralgia.
10. Recurrent aphthous stomatitis.
11. Bite marks.
12. Halitosis.
13. Oral manifestations of AIDS.
14. Predisposing factors of candidiasis.
15. Radiographic contrast.
16. Radiographic appearance of periapical cemental dysplasia.
17. Stochastic effects of radiation.
18. Composition of film X ray.

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination - June 2016

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 retention and relapse. Explain the theorems of retention. (2+2+6)
2. Enumerate the theories of growth. Write in detail about functional matrix hypothesis. (5+5)

II. SHORT ESSAYS

6x5=30 Marks

3. Cephalo-caudal growth gradient.
4. Proximal stripping.
5. Bionator.
6. Uses of stainless steel in orthodontics and dentofacial orthopaedics.
7. Deep bite.
8. Diagnostic set-up.

III. SHORT ANSWERS

10x2=20 Marks

9. Hawley's appliance.
10. Uses of hand wrist radiographs.
11. Pseudo vs true class III.
12. Anchorage planning.
13. Chin cap.
14. Coffin spring.
15. Camouflage.
16. Biological age.
17. Self-correcting anomalies.
18. Meckel's cartilage.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination- June 2016****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 trauma from occlusion. Write in detail about the tissue response to trauma from occlusion. Add a note on radiographic features of trauma from occlusion. (2+4+4)
2. Define periodontal plastic surgery. Write about different techniques used to increase width of attached gingiva. (3+7)

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

3. Describe the pathogenesis and histopathology of periodontal pocket.
4. Describe the causes of gingival bleeding and its management.
5. Theories of mineralization of calculus.
6. Explain the microbiological, immunologic and physiologic changes in periodontium associated with smoking.
7. Ultrasonics in periodontics.
8. Additive osseous surgery.

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

9. Fenestration.
10. Microbial specificity.
11. Lateral pedicle graft.
12. Maintenance for dental implant patients.
13. Local drug delivery in periodontics.
14. DNA probes in periodontal diagnosis.
15. Bone destruction pattern in periodontal disease.
16. Clinical features of ANUG.
17. Food impaction.
18. Guided bone regeneration.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - June 2016****Subject: Public Health Dentistry**

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

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

1. Define primary health care. Describe the principles of primary health care. Add a note on structure of dental health care delivery in India.
2. Define biostatistics. Describe in detail about tests of significance.

(2+4+4)

(5+5)

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

3. Expand the term COPRA and write briefly about its main provisions.
4. School water fluoridation.
5. Epidemiological triad.
6. Steps in survey.
7. Tools for dental public health.
8. Barriers for health education.

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

9. Mores.
10. Calibration.
11. School dental nurse.
12. Closed panel.
13. Brudevold technique.
14. Evaluation.
15. Symposium.
16. Steps in pit and fissure sealant.
17. Dental records.
18. Matching in case-control studies.
