

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - June 2017****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 centric relation. Describe the methods and significance of recording centric relation. (2+5+3)
2. Describe the temporization materials, functions, and techniques in fixed partial dentures.

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

3. Selection of anterior teeth.
4. Definition and functions of minor connectors.
5. Advantages and disadvantages of immediate denture.
6. Techniques of posterior palatal seal.
7. Impression techniques in fixed partial dentures.
8. Write a note on survey lines.

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

9. What is freeway space?
10. Significance of retromolar pad in complete denture.
11. What is curve of spee?
12. Significance of mucostatic impression technique.
13. Define pier abutment.
14. Define indirect retainer.
15. Mention the surfaces of a complete denture.
16. Indications of chamfer finish line.
17. Types of face bow.
18. Lingual-plate major connector.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - June 2017****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 and classify space management with examples. Explain the management of a premature loss of 74 in a 6 year old child. (2+2+2+4)
2. Enumerate different crowns in pediatric dentistry. Write the indications, complications and steps in preparing tooth for stainless steel crown. (2+2+2+4)

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

3. Enumerate and explain the types of cry. (2+3)
4. Explain the types of isolation techniques.
5. Explain professionally applied topical fluorides.
6. Self-correcting malocclusion.
7. Indications and procedures of anticipatory guidance.
8. Handling of first dental visit of a child.

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

9. Diffusion hypoxia.
10. Caries tetralogy.
11. Slot cavity preparation.
12. Blue grass appliance.
13. Sugar substitutes.
14. Ankyloglossia.
15. Psychic triad.
16. Masochistic habits.
17. Baume's classification of dentition.
18. Significance of tell-show-do-techniques.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - June 2017****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. Classify composite resins. Describe the clinical measures to reduce polymerization shrinkage in a class II composite restoration. (4+6)
2. Define working length of a root canal. Describe a radiographic method to determine it. Enlist the methods of determination of working length. (2+6+2)

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

3. Handling of sodium hypochlorite accident.
4. Cavity liners.
5. Types of endodontic posts.
6. Resin modified glass ionomer cements.
7. Diagnosis of vertical root fracture.
8. Management of dentin hypersensitivity.

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

9. What is four unit instrument formula?
10. Mention the methods to compensate casting shrinkage.
11. Mention resistance form features for class II amalgam restoration.
12. Advantages and disadvantages of high speed devices.
13. Requirements of a root canal sealer.
14. Rubber dam retainer.
15. Uses of enamel hatchet.
16. Significance of test cavity.
17. Indications for endodontic surgery.
18. Sandwich restoration.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - June 2017****Subject: Oral & Maxillofacial Surgery**

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Draw neat labeled diagrams wherever necessary.*

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

1. Describe the local and systemic complications of local anaesthesia. (5+5)
2. Describe the aetiology, diagnostic features and management modalities of oro-antral fistula. (3+3+4)

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

3. Principles of suturing.
4. Marsupialisation.
5. Blow-out fracture.
6. Classification of tooth impaction.
7. En-bloc resection.
8. Inhalation agents used in general anaesthesia.

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

9. Greater palatine nerve block.
10. Whitehead's varnish.
11. Approaches to temporo mandibular joint (TMJ).
12. Suturing techniques.
13. Dry socket.
14. Ibuprofen.
15. Muscles of tongue.
16. Osseointegration.
17. Principles of elevators.
18. Visor osteotomy.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - June 2017****Subject: Oral Medicine & Radiology**

*Note: All questions are compulsory.
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Draw neat labeled diagrams wherever necessary.*

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

1. Classify red and white lesions. Write the types, clinical features, aetiology and treatment of leukoplakia. (3+2+3+2)
2. Explain the causes of faulty radiographs and add a note on how to rectify them. (5+5)

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

3. Enumerate salivary gland disorders.
4. Causes of cervicofacial lymphadenopathy.
5. Oral manifestations of HIV.
6. Advantages and disadvantages of digital radiology.
7. Causes and treatment of atypical facial pain.
8. Significance of intensifying screens.

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

9. What are cafe' au lait spots?
10. Aetiology of oral cancer.
11. Types of biopsy.
12. Thrombocytopenic purpura.
13. Wound certificate.
14. Bell's palsy.
15. Radiographic density.
16. Same-lingual-opposite-buccal (SLOB) technique.
17. Radiographic appearance of ameloblastoma.
18. Dosimetry.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - June 2017****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. Enumerate the theories of growth. Describe functional matrix theory. (4+6)
2. Write the classification and aetiology of malocclusion. Describe the local factors of malocclusion. (4+6)

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

3. Twin block appliance.
4. Trajectories of forces.
5. Adam's clasp.
6. Proximal stripping.
7. Flux and antflux.
8. Piezoelectric theory.

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

9. Incisor liability.
10. Ackerman and Proffit classification.
11. Management of midline diastema.
12. Rickett's E-line.
13. Nasolabial angle.
14. Fixed retainers.
15. Clinical features of class II division 2 malocclusion.
16. Frankfort horizontal plane.
17. Adenoid facies.
18. 18/8 stainless steel.

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination - June 2017

Subject: Periodontology

*Note: All questions are compulsory.
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Draw neat labeled diagrams wherever necessary.*

Time: 3 hours

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

1. Define periodontal ligament. Describe the principal fibers of periodontal ligament. Add a note on the functions of periodontal ligament. (2+5+3)
2. Define and classify periodontal flaps. Describe the technique for modified Widman flap. (4+6)

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

3. Calculus.
4. Treatment of halitosis.
5. Aggressive periodontitis.
6. Necrotizing ulcerative gingivitis.
7. Modified Bass technique of tooth brushing.
8. Junctional epithelium.

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

9. Trauma from occlusion.
10. Gingival recession.
11. William's graduated periodontal probe.
12. Radius of action of plaque.
13. Passive eruption.
14. Age changes in gingiva.
15. Interdental brush.
16. Disclosing agents.
17. Types of bone grafts.
18. Expand CADIA.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - June 2017****Subject: Public Health Dentistry**

*Note: All questions are compulsory.
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Draw neat labeled diagrams wherever necessary.*

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

1. Define health education. Describe the principles of health education. (3+7)
2. Define index. Enumerate periodontal indices. Describe community periodontal index. (2+4+4)

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

3. Cohort study.
4. Third party payment.
5. Incremental dental care.
6. Differences between topical and systemic fluoridation.
7. Ethical principles in dental care.
8. Indian Dental Association.

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

9. Fluoride tablets.
10. Taboos in dentistry.
11. Informed consent form.
12. Different oral health activities during school program.
13. American Dental Association (ADA) type of examination.
14. Uses of epidemiology.
15. Duplication in survey.
16. Dental floss.
17. Snowball sampling.
18. Histogram.
