

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - December 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 behaviour management. Describe the communication techniques in dental operatory. (3+7)
2. Classify traumatic anterior teeth fractures. What is avulsion? Explain its management. Add a note on its complications. (3+2+3+2)

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

3. Mention the types of fears. Enumerate age-wise fears from birth to adolescence.
4. Classify child abuse. Explain the role of paedodontist in abuse and neglect.
5. Explain Brudevold technique.
6. Interpretation of cariogram.
7. Management of haemophilic child in a dental setup.
8. Set up of paedodontic clinic.

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

9. Contra-indications of oral fluorides.
10. Significance of Scammon's growth curve.
11. Advantages of tunnel preparation.
12. Eruption sequence in primary teeth.
13. Significance of natal and neonatal teeth.
14. Home care for baby oral health.
15. Important reasons for mouth guard.
16. What is incisal liability?
17. What is occult caries?
18. Indicators of tongue blade therapy.

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination – December 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 an over denture. Write the advantages, disadvantages and attachments of over dentures. (3+4+3)
2. Explain the principles of tooth preparation.

II. SHORT ESSAYS

6x5=30 Marks

3. Define face bow and mention its uses.
4. What are the requirements of clasp design?
5. Classify the mental attitude of the patient.
6. Uses of rests and rest seats in removable partial denture (RPD).
7. What is fluid wax technique?
8. Write the aims and objectives of impression making in complete dentures.

III. SHORT ANSWERS

10x2=20 Marks

9. Boundaries of buccal shelf area.
10. Indications of non-anatomic teeth.
11. Define Christensen's phenomenon.
12. What is incisal guidance?
13. ✓ Mention the parts of implant.
14. Significance of disinfection of impressions.
15. ✓ Advantages of ovate pontic.
16. Functions of denture cleansers.
17. What are the indications for U shaped maxillary major connector?
18. Mention two types of denture bases.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination - December 2017****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. What are local anaesthetics? Classify them with examples. Explain why local anaesthetics are not effective in infectious condition. (2+4+3)
2. Classify jaw tumours. Explain the management of a case of large ameloblastoma involving the molar-ramus region of mandible. (4+6)

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

3. Rationale of neck dissection in oral cancer.
4. Principles of biopsy.
5. Treatment for myofascial pain dysfunction syndrome.
6. Indications and techniques of vestibuloplasty.
7. Aetiology and treatment of trigeminal neuralgia.
8. Treatment modalities for dry socket.

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

9. Maximum permissible dosage of lignocaine.
10. Mention the types of suture materials.
11. Advantages of risdon incision.
12. Principles of forceps extraction.
13. Indications of amoxicillin.
14. Structures passing through parotid gland.
15. Timing of cleft lip surgery.
16. Uses circum-zygomatic wiring.
17. Indications of Clarke's tube shift technique.
18. What is prothrombin time?

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination – December 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. Mention the methods of isolation. Describe the rubber dam isolation. (4+6)
2. Classify traumatic injuries and explain the management of avulsion. (4+6)

II. SHORT ESSAYS

6x5=30 Marks

3. Significance of retention form in tooth preparation.
4. Indication of self threaded pins.
5. Techniques of pulp capping.
6. Techniques of apexification.
7. Enlist root end filling materials and their indications.
8. Hemisection as a treatment option.

III. SHORT ANSWERS

10x2=20 Marks

9. Define degassing.
10. Identification of arrested caries.
11. Types of amalgam alloy.
12. Significance of anti-retroviral therapy (ART).
13. Indication of wedging technique.
14. Composition of gutta percha.
15. Uses of EDTA.
16. What is sandwich technique?
17. Uses of cavity varnish.
18. Indications of root canal culture test.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination – December 2017****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. Define a cyst. Classify cysts of the jaws. Describe the clinical and radiographic features of dentigerous cyst. (3+3+4)
2. What are x-rays? Describe the effects of radiation on orofacial structures. (3+7)

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

3. Clinical features and treatment modalities of Bell's palsy.
4. Oral and jaw manifestations of hyperparathyroidism.
5. Oral manifestations of AIDS.
6. Aetiology and clinical features of erythema multiforme.
7. Explain bisecting angle technique.
8. Types of dental x-ray films.

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

9. What are the causes of xerostomia?
10. Systemic causes in oral bleeding.
11. Clinical features of oral submucous fibrosis.
12. Causes of generalized lymph node enlargement.
13. Features of Albright's syndrome.
14. Causes for recurrent ulcers in the oral cavity.
15. Mention the multi-locular radiolucent lesions of the jaws.
16. Define lamina dura.
17. Causes for periapical radiolucencies.
18. Name the views of the structures of TMJ radiography.

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination - December 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. Define interceptive orthodontics. Mention the procedures of interceptive orthodontics. Describe serial extraction. (3+3+4)
2. Describe the clinical features of pseudo and true class III mal-occlusion and their management. (5+5)

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

3. Diagnostic aids in orthodontics.
4. Significance of Tweeds triangle.
5. Management of open bite.
6. Features of Bolton's analysis.
7. Process of postnatal growth of mandible.
8. What is functional regulator?

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

9. Indications of space regainer.
10. Orthodontial significance of cervical vertebrae.
11. Causes of undermining resorption.
12. Mention the types of tooth movement.
13. Causes of anchor loss.
14. Indications of oral screen.
15. Limitations of Angle's classification.
16. Types of canine retractors.
17. Uses of hyrax screw.
18. Significance of torque.

JSS UNIVERSITY, MYSURU**Fourth Year BDS Examination – December 2017****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 classify furcation involvement. Describe the management of a grade II furcation involvement in a mandibular first molar. (3+3+4)
2. Define trauma from occlusion. Describe its role in the aetiology and progression of periodontal disease. (4+3+3)

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

3. Indication and dosage of tetracycline in periodontal therapy.
4. Method of frenectomy.
5. Estimation of individual tooth prognosis.
6. Explain the role of radiographs in periodontal diagnosis.
7. Uses of root conditioner.
8. Bone destruction patterns in periodontal disease.

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

9. Define osseointegration.
10. Classification of periodontal flaps.
11. Role of acellular cementum.
12. What is pericoronitis?
13. Causes of gingival bleeding.
14. Advantages of disclosing agents.
15. Uses of community periodontal index of treatment needs (CPITN).
16. Functions of gingival crevicular fluid (GCF).
17. Advantages of allograft.
18. What is specific plaque hypothesis?

JSS UNIVERSITY, MYSURU

Fourth Year BDS Examination - December 2017

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 epidemiology. Explain the steps in descriptive epidemiology. (3+7)
2. Define public health dentistry. Explain the differences between public health dentist and clinical dentist. (3+7)

II. SHORT ESSAYS

6x5=30 Marks

3. What are probability sampling methods? Give examples. (3+2)
4. Mention WHO ages and age groups.
5. Role of audio aids in health education.
6. What is national path finder survey?
7. Mention the newer types of dental auxiliaries and their roles.
8. Write the use of computers in dentistry.

III. SHORT ANSWERS

10x2=20 Marks

9. What are the measures of central tendency?
10. Advantages of deft index.
11. What are the functions of Dental Council of India?
12. Give examples of acculturation.
13. Mention the types of tooth brushes.
14. Mention the mechanism of fluoride action.
15. Advantage of chalk and talk method of health education.
16. What is blanket referral?
17. Advantages of caries vaccine.
18. What is atraumatic restorative treatment (ART) technique?
