

JSS Academy of Higher Education and Research

Fourth Year BDS Examination- June 2018

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 cavity preparation and enumerate the need for restorations. (3+7)
Compare and contrast the tooth preparation for silver amalgam versus composite restoration.
2. Define obturation and enumerate the various techniques of obturation. (3+7)
Explain the warm vertical condensation technique.

II. SHORT ESSAYS

6x5=30 Marks

3. Tooth numbering systems.
4. Pit and fissure sealants.
5. Thread mate system (TMS) pins.
6. Dentin hypersensitivity.
7. Periapical cyst.
8. Step back preparation.

III. SHORT ANSWERS

10x2=20 Marks

9. Reverse curve.
10. Auto matrix.
11. Gingival margin trimmer (GMT).
12. Stepping.
13. Dimple.
14. Internal resorption.
15. Vertucci classification.
16. Uses of calcium hydroxide.
17. Modifications of glass ionomer cement (GIC).
18. Bleaching methods.

JSS Academy of Higher Education and Research**Fourth Year BDS Examination- June 2018****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 behavior management. Classify behavior and explain the non-pharmacological management of child behavior. (2+3+5)
2. Classify anterior teeth fractures according to Ellis. Describe the management of class III fracture of upper permanent central incisor in a nine year old child patient. (3+7)

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

3. Growth spurts.
4. Dental management of visually impaired children.
5. Early and late mesial shift.
6. Pedodontic treatment triangle.
7. Amelogenesis imperfecta and its dental management.
8. Indices used for oral hygiene assessment.

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

9. Ugly duckling stage.
10. Fluoride varnish
11. Pulp capping.
12. Caries vaccine.
13. Moyer's analysis.
14. Disclosing solution.
15. Knutson's technique of fluoride application.
16. Young's formula for drug dosage.
17. Pink tooth.
18. Conscious sedation.

JSS Academy of Higher Education and Research**Fourth Year BDS Examination - June 2018****Subject: Prosthodontics and Crown & 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 vertical jaw relation. Classify the methods of recording it. (2+4+4)
Describe the effects of increased and decreased vertical dimensions of occlusion.
2. Define and classify major connectors. Describe mandibular major connectors at length. (4+6)

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

3. Kennedy's classification.
4. Retention in complete dentures.
5. Circumferential clasp.
6. Compression molding technique.
7. Factors affecting balanced occlusion.
8. Gingival retraction.

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

9. Ante's law.
10. Putty-wash impression.
11. Surveying tools.
12. Incisive papilla.
13. Dentogenic concept.
14. Functional cusp bevel.
15. Cingulum rest.
16. Non-rigid connectors.
17. Maryland bridge
18. Sanitary pontic.

JSS Academy of Higher Education and Research**Fourth Year BDS Examination- June 2018****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. Classify cysts of the oral cavity. Describe the clinical features, diagnosis and treatment of dentigerous cyst. (3+7)
2. Mention the various mandibular nerve blocks. Explain inferior alveolar nerve block at length. (3+7)

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

3. Gillies temporal approach.
4. Buccal space infection.
5. Lingual vestibuloplasty.
6. Anaphylaxis in dental chair.
7. TNM staging of oral cancer.
8. Surgical correction of pre-maxillary excess.

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

9. Syncope.
10. Flap design for impaction.
11. Surgical drains.
12. Long acting local anaesthetic agents.
13. Root fracture.
14. Haemophilia.
15. Microvascular decompression.
16. Dental extraction in a patient with rheumatic heart disease.
17. Interpositional gap arthroplasty.
18. Sequestrectomy.

JSS Academy of Higher Education and Research**Fourth Year BDS Examination - June 2018****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. Enumerate viruses and the diseases they cause. Describe the clinical features, oral manifestations, investigations and management of acute herpetic gingivostomatitis. (4+6)
2. Describe the normal anatomical landmarks in the maxilla and mandible on periapical radiographs. (5+5)

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

3. Analgesics used in dentistry.
4. Age and sex determination in forensic odontology.
5. Myofascial pain dysfunction syndrome.
6. Dental implications of patients with hypertension.
7. Film processing.
8. Electromagnetic spectrum.

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

9. Define leukoplakia.
10. Grinspan's syndrome.
11. Mucocele.
12. Types of oral candidiasis.
13. Oral manifestations of iron deficiency anaemia.
14. Characteristics of a typical carcinomatous ulcer of oral cavity.
15. Composition of developing solution.
16. Radiation caries.
17. Indications for mandibular occlusal radiography.
18. Mention four radiopaque lesions of the jaws.

JSS Academy of Higher Education and Research**Fourth Year BDS Examination- June 2018****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. Classify malocclusion. Describe the advantages and disadvantages of Angle's classification. (3+7)
2. Mention and explain the theories of growth and development.

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

3. Undermining resorption.
4. Management of cross bites.
5. Rapid maxillary expansion.
6. Define and classify anchorage with suitable examples.
7. Mouth breathing habit.
8. Carey's analysis.

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

9. Scissors bite.
10. Mention the types of tooth movements.
11. Angle's line of occlusion.
12. Components of fixed orthodontic appliances.
13. Pericision.
14. Deleterious oral habits.
15. Catalan's appliance.
16. Growth spurts.
17. Rule of third in diagnosis.
18. Curve of Spee.

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Fourth Year BDS Examination - June 2018

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 periodontal pockets. Describe the clinical features and pathogenesis of periodontal pockets. (3+7)
2. Define and classify periodontal splints. Describe the role of splints in periodontal therapy. (3+7)

II. SHORT ESSAYS

6x5=30 Marks

3. Gingival recession.
4. Chlorhexidine.
5. Sharpey's fibres.
6. Porphyromonas gingivalis.
7. Risk factors for periodontal disease.
8. Ultrasonics in periodontal therapy.

III. SHORT ANSWERS

10x2=20 Marks

9. Non-eugenol packs.
10. Gingival abscess.
11. Fenestration and dehiscence.
12. Types of cementum.
13. Differences between suprabony and infrabony pockets.
14. Types of implants.
15. DNA probe.
16. Metronidazole.
17. Anti-calculus agents.
18. Classification of osseous grafts.

JSS Academy of Higher Education and Research**Fourth Year BDS Examination- June 2018****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. Describe the epidemiology of dental caries. (2+8)
2. Define sampling. Explain the types of sampling. (2+8)

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

3. Differences between private dental practice and public health dentistry.
4. Principles of health education.
5. Classification of dental auxiliaries.
6. School water fluoridation.
7. Mechanical plaque control.
8. Incremental dental care.

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

9. Epidemiological triad.
10. Mean, median and mode.
11. Bias.
12. Histogram.
13. Waterborne diseases.
14. Village Health Guides.
15. State Dental Council.
16. Levels of prevention.
17. Toothbrush.
18. Delta dental plan.