

JSS UNIVERSITY, MYSORE**Fourth Year BDS Examination - June 2014****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. What are the causes of discoloration? Write in detail about walking bleach.
2. Classify dental cements. Write in detail about glass ionomer cements.

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

3. Primary steps of tooth preparation.
4. Standardization of endodontic instruments.
5. Classify pulpal diseases. Write on reversible pulpitis.
6. Rubber dam isolation.
7. Types and uses of zinc oxide eugenol cement.
8. Crown down preparation.

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

9. Classify Intracanal medicaments.
10. Weakest and strongest phases of amalgam.
11. Gingival marginal trimmer.
12. Composition of gutta percha.
13. Differences between pluggers and spreaders.
14. Composition of silver alloy.
15. Trephination.
16. Name various methods of isolation.
17. Zsigmondy/palmer system.
18. Color coding of endodontic instruments.

JSS UNIVERSITY, MYSORE**Fourth Year BDS Examination- June 2014****Subject: Oral Medicine & Radiology**

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Draw neat labeled diagrams wherever necessary.*

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

1. Enumerate acute ulcer seen in the oral cavity. Give clinical features, differential diagnosis and treatment of acute herpetic gingivostomatitis.
2. Define ideal radiograph. Describe the factors required for obtaining an ideal radiograph.

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

3. Vital staining.
4. Benign migratory glossitis.
5. Hereditary haemorrhagic telangiectasis.
6. Trismus.
7. Composition of x ray film.
8. Radiographic contrast.

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

9. Causes of gingival enlargement.
10. Oral manifestation of secondary syphilis.
11. Methods of age determination.
12. Amelogenesis imperfecta.
13. Linear gingival erythema.
14. Grinspan's syndrome.
15. Penny test.
16. Clarke's rule.
17. Heel effect.
18. Causes of partial image on the radiograph.

JSS UNIVERSITY, MYSORE**Fourth Year BDS Examination - June 2014****Subject: Pediatric & Preventive Dentistry**

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

1. Define normal occlusion. Describe in brief the development of occlusion from 6 – 12 years.
2. Describe the treatment for fracture of a non vital immature central incisor in the maxillary jaw of seven year old child.

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

3. Inferior alveolar block in a five year old child.
4. Down's syndrome and its dental management.
5. Describe the developmental anomalies affecting shape of teeth in children.
6. Describe the clinical features and management of thumb sucking habit.
7. Classify cross bite. How do you correct them?
8. Setting up of a pedodontic clinic.

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

- Pre dentate period.
10. Management of a child suffering from purpura coming for extraction.
 11. Stimulus response theory.
 12. Conscious sedation.
 13. What is teething disorder? Explain the management.
 14. Vincent's infection.
 15. Stephans curve and critical Ph for development of dental carries.
 16. Pit and fissure sealant.
 17. APF gel.
 18. Name four anterior crowns used in pedodontics.

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JSS UNIVERSITY, MYSORE**Fourth Year BDS Examination - June 2014****Subject: Oral & maxillofacial surgery**

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

1. Classify local anesthetic agents. Describe systemic complications of local anesthesia and their management.
2. Define oro-antral fistula. Write in detail about the clinical features, investigations and surgical management of oro-antral fistula.

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

3. Guerin's fracture.
4. Mechanical principles involved in exodontias.
5. Shift cone technique.
6. Alveolar osteitis.
7. Frey's syndrome.
8. Pre anesthetic medication.

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

9. BSSRO (Bilateral Sagittal Split Ramus Osteotomy).
10. Haemostatic agents.
11. Phases of sialogram.
12. Tinel's sign.
13. Arthrocentesis.
14. WAR lines.
15. Chemiclave.
16. Osteointegration.
17. Composition of white head's varnish.
18. PKa (dissociation constant).

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Fourth Year BDS Examination- June 2014

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Time: 3 hours

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JSS UNIVERSITY, MYSORE**Fourth Year BDS Examination - June 2014****Subject: Orthodontics & Dentofacial Orthopedics**

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

1. Enumerate the methods of classifying malocclusion. Describe in detail Angle's classification of malocclusion. Write its advantages and disadvantages.
2. A fourteen year old patient reports to your clinic with proclined and spaced upper anteriors, a class I molar relation and an overjet of 5mm. Name a simple removable appliance which you would use to correct this malocclusion. What are the advantages and disadvantages of removable appliances?

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

3. Cephalocaudal gradient of growth.
4. Self corrective anomalies.
5. Profile examination.
6. Skeletal maturation evaluation using cervical vertebrae.
7. Local aetiological factors of malocclusion.
8. Pressure tension theory.

SHORT ANSWERS**10x2=20 Marks**

9. Twin block appliance.
10. Riedel's theorems of retention.
11. Stainless steel.
12. Early mesial drift.
13. Tongue thrusting habit.
14. Removable appliance for slow expansion.
15. Undermining resorption.
16. Supracrestal fiberotomy.
17. Space regainer.
18. Oral screen.

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Fourth Year BDS Examination- June 2014

Subject: Periodontology

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Time: 3 hours

Max. Marks: 70

2x10=20 Marks

I. LONG ESSAYS

1. Define and classify trauma from occlusion. Add a note on the clinical and radiographic signs of trauma from occlusion.
2. Define furcation involvement. Enumerate the different classification systems for the same. Write in detail about treatment of grade III furcation involvement.

6x5=30 Marks

II. SHORT ESSAYS

3. Conditioned gingival enlargement.
4. Tooth-blade relationship.
5. Concept of guided tissue regeneration.
6. Periodontal dressings.
7. Halitosis.
8. Peri-implantitis.

10x2=20 Marks

III. SHORT ANSWERS

9. Stillman's clefts and McCall's festoons.
10. Lasers in periodontal procedures.
11. Disadvantages of chlorhexidine mouthwash.
12. Acoustic microstreaming.
13. Comparison of area specific and universal curettes.
14. Bone sounding.
15. Methods of pocket therapy.
16. Cervical enamel projections.
17. Frenectomy versus frenotomy.
18. Periodontal diagnostic aids.

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