

Joue - 2019

QP Code: 11219

Subject: Pediatric & Preventive Dentistry

Part II

LONG ESSAYS

2x10 = 20 Marks

1. Classify anterior tooth fractures. Explain the management of avulsed anterior tooth in an eight-year-old child.
2. Discuss the rationale and strategies of minimal invasive dentistry.

(3 + 7)

(5+5)

SHORT ESSAYS

4x5 = 20 Marks

3. Pit and fissure sealants.
4. Obturation in primary teeth.
5. Maslow's hierarchy of needs.
6. Mechanism of action of topical fluorides.

SHORT ANSWERS

10X2 = 20 Marks

7. Buckley's formocresol.
8. Adenoid facies.
9. Window of infectivity.
10. Contraindications of distal shoe space maintainer.
11. Primate spaces.
12. Contraindications of nitrous oxide- oxygen conscious sedation.
13. Natal and neonatal teeth.
14. Turner's hypoplasia.
15. Clark's formula for drug dosage.
16. Frankel's behavior rating scale.

June 2019

QP Code: 11218

Subject: Prosthodontics and Crown & Bridge

Part II

LONG ESSAYS

2x10 = 20 Marks

1. Define retention, stability and support in complete dentures. Describe the factors influencing retention.
2. Classify pontics. Describe sanitary pontic.

SHORT ESSAYS

4x5 = 20 Marks

3. Over denture.
4. Dental surveyor.
5. Obturators.
6. Indirect retainers.

SHORT ANSWERS

10X2 = 20 Marks

7. Dentogenic concept.
8. Ante's law.
9. CAD/ CAM ceramics.
10. Minor connectors.
11. Maryland bridges.
12. Ovate pontic.
13. Non-eugenol pastes.
14. Microleakage.
15. Burnishing.
16. Indications and contraindications for porcelain laminate veneers.

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Subject: Oral Medicine and Radiology

Part II

LONG ESSAYS

2x10 = 20 Marks

1. Define pain. Classify orofacial pain and describe the etiology, clinical features and management of trigeminal neuralgia.
2. Describe radiation protection in dental radiography.

(1+3+6)

SHORT ESSAYS

4x5 = 20 Marks

3. Geographic tongue.
4. Causes of cervical lymphadenopathy.
5. Intensifying screen.
6. Composition of fixer solution.

SHORT ANSWERS

10X2 = 20 Marks

7. Enumerate four causes for exogenous pigmentation.
8. Define ionizing radiation.
9. Types of denture stomatitis
10. Laskin's diagnostic criteria for myofascial pain dysfunction syndrome.
11. List the types of supernumerary teeth.
12. Clinical features of iron deficiency anemia.
13. Name four fungal diseases.
14. Name the parts of intraoral X-ray tube.
15. Indications for orthopantomogram.
16. Radiographic features of Albright's syndrome.

June-2019

QP Code: 11214

Subject: Orthodontics & Dentofacial Orthopedics

Part II

LONG ESSAYS

2x10 = 20 Marks

1. Define growth and development in orthodontics. Describe the factors affecting growth. (2+8)
2. Define anchorage. Explain intra oral sources of anchorage. (2+8)

SHORT ESSAYS

4x5 = 20 Marks

3. Expansion as a method of gaining space
4. Local aetiological factors of malocclusion.
5. Space maintainers
6. Frankel's functional regulator.

SHORT ANSWERS

10X2 = 20 Marks

7. Jackson's triad.
8. Features of Class-II division 2 malocclusion.
9. Carey's analysis / arch perimeter analysis.
10. Proximal stripping as a method of gaining space.
11. Reverse pull headgear.
12. Orthopantomogram.
13. Periosteal functional matrices.
14. Advantages of fixed appliances.
15. Phases of orthodontic tooth movement.
16. Soldering.

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June-2019

QP Code: 11212

Subject: Public Health Dentistry

Part II

LONG ESSAYS

2x10 = 20 Marks

1. Define and classify epidemiology. Describe analytical epidemiology. (2+2+6)
2. Classify mechanisms of payment for dental care and describe them. (2+8)

SHORT ESSAYS

4x5 = 20 Marks

3. COPRA.
4. Gaussian curve.
5. Difference between clinical dentist and public health dentist.
6. Dental Council of India (DCI).

SHORT ANSWERS

10X2 = 20 Marks

7. Forward looking studies.
8. What are CLD and STD?
9. Define index. Write the ideal requisites of index.
10. Buzz sessions.
11. Types of survey.
12. Measures of central tendency.
13. ASKOV dental program.
14. Define culture.
15. Blanket referral.
16. Qualities required for success in dental practice.

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Fourth Year BDS Examination – June 2019

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. Describe the differences between primary and permanent dentition. (5+5)
Explain the modifications in cavity preparation in primary teeth.
2. Classify children with special needs. Discuss the management of an epileptic child at the dental office. (4+6)

II. SHORT ESSAYS

6x5=30 Marks

3. Growth assessment methods.
4. Genetic counselling.
5. Cherubism.
6. Setting up of pedodontic clinic.
7. Terminal plane relationship.
8. Sequence of eruption of permanent teeth.

III. SHORT ANSWERS

10x2=20 Marks

9. Midline diastema.
10. Dental age.
11. Glass ionomer cement.
12. Rule of ten.
13. Serial extraction.
14. Caries tetralogy.
15. Aversive conditioning.
16. Tongue blade therapy.
17. Acidulated phosphate fluoride gel.
18. Apexification.

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Fourth Year BDS Examination – June 2019

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 balanced occlusion and write its importance. Explain the factors affecting balanced occlusion. (4+6)
2. Enumerate indications and contraindications for fixed partial dentures. Mention the considerations in treatment planning for replacing missing teeth with fixed partial dentures. Add a note on evaluation of abutment teeth. (2+2+3+3)

II. SHORT ESSAYS

6x5=30 Marks

3. Residual ridge resorption.
4. Instructions to complete denture patients.
5. Factors affecting retention in complete dentures.
6. Indirect retention.
7. Stress breakers.
8. Laminate veneers.

III. SHORT ANSWERS

10x2=20 Marks

9. Closest-speaking space.
10. Custom impression trays.
11. Role of provisional restorations.
12. Flux and antflux.
13. RPI clasp assembly.
14. Broad stress distribution.
15. Structural durability.
16. Metamerism.
17. Group function occlusion.
18. Denture adhesives.

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Fourth Year BDS Examination – June 2019

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 diseases. Describe the aetiology, clinical features, diagnosis and management of Sjogren's syndrome. (3+2+2+3)
2. Enumerate the intraoral periapical radiographic techniques. Describe the technique, advantages and disadvantages of paralleling technique. (2+4+2+2)

II. SHORT ESSAYS

6x5=30 Marks

3. Odontogenic keratocyst.
4. Grids.
5. Braking radiation.
6. Hairy leukoplakia.
7. Atypical facial pain.
8. Multiple myeloma.

III. SHORT ANSWERS

10x2=20 Marks

9. Management of herpes labialis.
10. Oral manifestations of leukemia.
11. Lip prints.
12. Cyclic neutropenia.
13. Steven Johnson syndrome.
14. Sialorrhea.
15. Indications of bitewing radiograph.
16. Radiographic features of osteomyelitis.
17. Latent image.
18. Mandibular radiographic anatomical landmarks.

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Fourth Year BDS Examination – June 2019

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 inlay and onlay restorations. Classify the materials used for cast restorations. Describe the features of a circumferential tie. (3+3+4)
2. When is the root canal system ready for obturation? Enumerate the techniques of root canal obturation and describe the vertical condensation method. (3+3+4)

II. SHORT ESSAYS

6x5=30 Marks

3. Sodium hypochlorite as an endodontic irrigant.
4. Walking bleach technique.
5. Cracked tooth syndrome.
6. Clinical measures to reduce polymerization shrinkage in composite resins.
7. Wedges in restorative dentistry.
8. Incipient caries.

III. SHORT ANSWERS

10x2=20 Marks

9. K-files.
10. Enamel hatchet.
11. Diagnosis of acute irreversible pulpitis.
12. Types of curing lights for polymerization of composites.
13. Design features of a typical bur.
14. Poly-antibiotic paste.
15. Thermal tests for pulp vitality.
16. Acid etch technique.
17. Indications for endodontic surgery.
18. Sandwich restoration.

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Fourth Year BDS Examination – June 2019

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. Define oroantral fistula (OAF). Describe its etiology, clinical features, diagnosis and treatment. (2+8)
2. Classify complications of local anesthesia. Describe its local complications and their management. (4+4+2)

II. SHORT ESSAYS

6x5=30 Marks

3. Management of fracture angle mandible.
4. Suture materials in oral surgery.
5. Marsupialization.
6. Canine space infection.
7. Closed mouth nerve block for teeth extraction.
8. Management of ameloblastoma.

III. SHORT ANSWERS

10x2=20 Marks

9. Autoclave.
10. Frenectomy.
11. Dry socket.
12. Incision and drainage.
13. Sublingual ecchymosis.
14. Torus palatinus.
15. Genioplasty.
16. Peripheral neurectomy.
17. Subjective-objective symptoms for mandibular nerve block.
18. Excisional biopsy.

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Fourth Year BDS Examination - June 2019**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. Discuss the various theories of orthodontic tooth movement.
2. Define diagnostic aids in orthodontics. Discuss in detail about importance and classification of diagnostic aids.

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

3. Thumb sucking habit.
4. Types of orthodontic forces.
5. Management of class II malocclusion during mixed dentition stage.
6. Face mask therapy.
7. Absolute anchorage.
8. Frankel appliances.

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

9. Force couple.
10. Extraoral anchorage.
11. Lip bumper.
12. Indications for extractions in orthodontics.
13. Gum pads.
14. Difference between drift and displacement.
15. Define the general fields of orthodontics.
16. Permanent retention.
17. Incisor liability.
18. Uses of study models in orthodontics.

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Fourth Year BDS Examination –June 2019**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 describe the parts of gingiva. Explain the gingival fibers. (2+3+5)
2. Define and classify plaque. Describe the plaque hypothesis. (2+3+5)

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

3. Treatment of grade II furcation involvement.
4. Pathologic migration.
5. Difference between a scaler and a curette.
6. Chemical plaque control
7. Operculectomy.
8. DNA probe.

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

9. Tetracyclines.
10. Subgingival irrigation.
11. Plunger cusp.
12. Subtraction radiography.
13. Tooth mobility.
14. Powered toothbrush.
15. Supragingival pocket.
16. Stillman's cleft.
17. Use of lasers in periodontal therapy.
18. Excisional new attachment procedure (ENAP).

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Fourth Year BDS Examination - June 2019**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. Discuss studies related to water fluoridation.
2. Explain mechanisms of payments in dentistry.

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

3. Tools of dental public health.
4. Ideal requisites of index.
5. Normal curve.
6. Functions of Dental Council of India (DCI).
7. Ethical principles.
8. Fluoride toxicity.

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

9. Incidence and prevalence.
10. Endemic.
11. Audio-visual aids.
12. School dental nurse.
13. Co-insurance.
14. Fluoride varnishes.
15. Anganwadi workers.
16. Purification of water in a small scale.
17. Oral hygiene aids.
18. Nalgonda technique.