

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER –I
(Conservative Dentistry)

Q.P. Code: 2244

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

LONG ESSAY QUESTIONS:

Marks
2 X 25 = 50

1. Discuss the management of non carious lesions in detail
2. Enumerate the principles of smile designing and management of class IV lesion

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. Discuss the fillers used in composite resins
4. Discuss dry v/s moist bonding
5. Enumerate newer materials for class II restoration
6. Discuss the role of calcium hydroxide cement in operative dentistry
7. Explain the pain management during operative dentistry

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

CONSERVATIVE DENTISTRY AND ENDODONTICS
PAPER –II
(Endodontics)

Q.P. Code: 2245

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

LONG ESSAY QUESTIONS:

Marks
2 X 25 = 50

1. Discuss Management of non-vital tooth with open apex
2. In detail discuss root end filling materials

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. Explain the use of antibiotics in endodontics
4. Discuss magnification in endodontics
5. Discuss microbial flora of root canal space
6. Discuss apex locators used in endodontics
7. Explain Thermoplasticized obturation.

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

CONSERVATIVE DENTISTRY AND ENDODONTICS

PAPER –III

(Descriptive and analyzing)

Q.P. Code: 2246

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All the questions are compulsory.

	Marks
LONG ESSAY QUESTIONS: (Answer any TWO)	2 X 50 = 100
1. Discuss MID (Minimally invasive dentistry)	50
2. Discuss Resorption and management	50
3. Discuss restoration of endodontically treated teeth	50

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

ORAL AND MAXILLOFACIAL SURGERY
PAPER –II
(Maxillo-facial Surgery)

Q.P. Code: 2241

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

LONG ESSAY QUESTIONS:

Marks
2 X 25 = 50

1. Discuss in detail the involvement and management of unilateral condylar hyperplasia
2. Classify fibro-osseous lesions of jaws. How you can manage case of fibrous dysplasia of maxilla

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. Describe the indications and procedure of sinus lift surgery
4. Distraction osteogenesis in mandible and maxilla
5. Write the indications, classifications and procedure of genioplasty
6. Describe the principle of Piezo surgery. Write a note on indications and its advantages
7. What is tissue expansion? Discuss the use of tissue expanders in OMFS

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

**ORAL AND MAXILLOFACIAL SURGERY
PAPER –I**

(Minor Surgery and Trauma)

Q.P. Code: 2240

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All the questions are compulsory.

LONG ESSAY QUESTIONS:

**Marks
2 X 25 = 50**

1. Classify nerve injuries and write facial reanimation procedures.
2. What is superior-orbital fissure syndrome? Describe various neurologic injuries and its impact in a patient with maxillofacial trauma

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. Endotracheal intubation in bilateral T.M joint ankylosis
4. What is gorlin goltz syndrome and also write about management of same
5. What is Rhinocerebral mucormycosis add a note on management of mucormycosis
6. Clinical features and management of oro-antral fistula
7. Role of radiation in osteoradionecrosis? Explain management of same?

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

ORAL AND MAXILLOFACIAL SURGERY
PAPER –III
(Descriptive and analyzing)

Q.P. Code: 2242

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

	Marks
LONG ESSAY QUESTIONS: (Answer any TWO)	2 X 50 = 100
1. Reconstruction and regeneration options for head and neck defects	50
2. Current concepts in management of head and neck cancer.	50
3. Aesthetic facial surgery with emphasis on current concepts.	50

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS
PAPER –II
(Clinical Orthodontics)

Q.P. Code: 2249

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

LONG ESSAY QUESTIONS:

Marks
2 X 25 = 50

1. Discuss on conventional and surgery first approach in orthognathic surgical cases
2. What is mutilated dentition? Write in detail about the orthodontic management of mutilated cases.

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. Springs used in management of canine impaction
4. What are the recent advances in TADs and write about IZC screws
5. Write various methods to correct smile arc and canting of the smile.
6. MARA – Mandibular Anterior Repositioning Appliance
7. Explain the way(s) to obtain unilateral dental expansion.

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS
PAPER –I

(Orthodontic history, concepts of occlusion and esthetics, child and adult psychology, etiology and classification of malocclusion, dentofacial anomalies, diagnostic procedures and treatment planning in Orthodontics , practice management in orthodontic)

Q.P. Code: 2248

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

LONG ESSAY QUESTIONS:

Marks
2 X 25 = 50

1. Discuss the diagnostic approach and treatment planning of vertical maxillary problems in Orthodontics
2. Describe the three-dimensional approach to diagnosis and treatment of patients with craniofacial asymmetry

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. PAR index
4. Natural head position
5. Steiner's Analysis
6. Lasers in Orthodontics
7. Envelope of discrepancy

KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH, BELAGAVI.

(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)

Accredited 'A' Grade by NAAC (2nd Cycle)

Placed in 'A' Category by MHRD (GoI)

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

PAPER –III

(Descriptive and Analyzing)

Q.P. Code: 2250

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All the questions are compulsory.

	Marks
LONG ESSAY QUESTIONS: (Answer any TWO)	2 X 50 = 100
1. Management of borderline cases	50
2. Surgery first protocol	50
3. Record maintenance in Orthodontics and discuss on clinical audit	50

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

**PEDIATRIC AND PREVENTIVE DENTISTRY
PAPER –II**

(Preventive and community dentistry as applied to pediatric dentistry)

Q.P. Code: 2261

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All the questions are compulsory.

- | | Marks |
|--|--------------------|
| LONG ESSAY QUESTIONS: | 2 X 25 = 50 |
| 1. Application of principles of psychological growth and development while managing child patient. Discuss about cognitive theory. | |
| 2. Discuss the importance of school dental health education program and their application in Indian scenario. | |
| SHORT ESSAY QUESTIONS: | 5 X 10 = 50 |
| 3. Ergonomics in pediatric dentistry | |
| 4. Discuss various sugar studies | |
| 5. Ethics in dental research | |
| 6. Use of acidulated phosphate fluoride in children | |
| 7. Discuss about management of children with child abuse and neglect | |

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

PEDIATRIC AND PREVENTIVE DENTISTRY

PAPER –III

(Descriptive and analyzing)

Q.P. Code: 2262

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All the questions are compulsory.

	Marks
LONG ESSAY QUESTIONS: (Answer any TWO)	2 X 50 = 100
1. Early childhood caries, its prevention and management	50
2. Discuss about modern trends in semi-permanent restorations (crowns) in children.	50
3. Recent advancements in pediatric endodontics	50

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

PEDIATRIC AND PREVENTIVE DENTISTRY
PAPER –I
(Clinical Pedodontics)

Q.P. Code: 2260

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

LONG ESSAY QUESTIONS:

Marks
2 X 25 = 50

1. Discuss the importance of maintain normal oral flora. Add a note on why gingival and periodontal diseases are less common in children.
2. Discuss Etiology, clinical features and management of cleft lip and palate patient. Add a note on role of pediatric dentist in management of cleft patients.

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. Discuss about use of Analgesics for children
4. Types of radiographic surgery for children
5. Masochistic habit in children
6. Use of splints in stabilization of traumatized teeth in children
7. Natal and neonatal teeth

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

PROSTHODONTICS AND CROWN & BRIDGE

PAPER –III

(Descriptive and analyzing)

Q.P. Code: 2234

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All the questions are compulsory.

	Marks
LONG ESSAY QUESTIONS: (Answer any TWO)	2 X 50 = 100
1. Implant as treatment modality in Prosthodontics	50
2. Articulators – past, present and future	50
3. Occlusion in Prosthodontics	50

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

**PROSTHODONTICS AND CROWN & BRIDGE
PAPER –I**

(Removable prosthodontics and implant supported prosthesis
(Implantology), Geriatric dentistry and Cranio facial Prosthodontics)

Q.P. Code: 2232

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All the questions are compulsory.

LONG ESSAY QUESTIONS:

**Marks
2 X 25 = 50**

1. Define Impression. Describe various theories of impression making in complete denture prosthesis. State advantages and disadvantages of each theory.
2. Define implant denture. State loading concepts in implants. Compare and contrast immediate and progressive loading concept in implant prosthesis.

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. Stent and splints
4. Telescopic dentures
5. Importance of recording correct vertical dimension
6. Management of abused oral tissues
7. Importance of medical history in geriatric patients.

POST-GRADUATE DEGREE MDS PART II EXAMINATION – JULY 2020

Time: 3 Hours

Max. Marks: 100

**PROSTHODONTICS AND CROWN & BRIDGE
PAPER –II**

(Fixed Prosthodontics, Occlusion, TMJ and esthetics)

Q.P. Code: 2233

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All the questions are compulsory.

LONG ESSAY QUESTIONS:

**Marks
2 X 25 = 50**

1. Discuss in detail about soft tissue management in fixed partial dentures.
What is its role in periodontal health and the longevity of a fixed prosthesis.
2. What is temporization? Discuss in detail about the need of temporary crown and add a note regarding different types of temporary crowns.

SHORT ESSAY QUESTIONS:

5 X 10 = 50

3. Recent advances in ceramics
4. Occlusal equilibration
5. Die systems
6. Analysis of occlusal plane with simplified occlusal plane analysis (SOPA)
7. TMJ dysfunction management
