

**QP Code: PCN101**

**MDS[Prosthodontics and Crown & Bridge]  
[PART- I]**

BF / 2023 / 12

**Applied Basic Sciences**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:** 1.) *Attempt all questions.*  
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*  
3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. Discuss applied anatomy of Salivary glands and role of Saliva in Prosthodontics. [10]
2. Discuss recent advancements in Esthetic material used in Prosthodontics. [10]
3. Implications of Tooth loss on nutrition in an edentulous patient. [10]
4. Histological aspect of Osseointegration of dental implants. [10]
5. Role of analgesics in Prosthodontics. [10]
6. Discuss Curves in natural and artificial occlusion and their role in complete denture prosthesis. [10]
7. Discuss Research ethics. [10]
8. Significance of Physiologic contour of restoration. [10]
9. Discuss Prosthodontic intervention in sleep apnoea. [10]
10. Clinical considerations in Intraoral prosthetic rehabilitation of a patient with history of radiotherapy in peri-oral region. [10]

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**QP Code: PCN102**

**MDS[Prosthodontics and Crown & Bridge]  
[PART- II]**

BF/2023/08

**Removable Prosthodontics and Implant supported prosthesis,  
Geriatric Dentistry and Cranio Facial Prosthodontics  
[Paper-I]  
[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:** 1.) *Attempt all questions.*  
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*  
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Elaborate on Stress control measures in distal extension partial denture situation.  
[25]
2. Prosthodontic management of a case with Hemi- maxillectomy.  
[25]
3. **Short essay on :** [10x5=50]
  - (a) Implant – abutment interface
  - (b) Telescopic dentures
  - (c) Combination syndrome
  - (d) RPI clasp assembly
  - (e) Bar designs & attachments in overdenture

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**QP Code: PCN103**

**MDS[Prosthodontics and Crown & Bridge]  
[PART- II]**

BF / 2023 / 08

**Fixed Prosthodontics, Occlusion, TMJ and Esthetics  
[Paper-II]  
[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

- Note:**
- 1.) *Attempt all questions.*
  - 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
  - 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Restoring occlusion- Discuss ways and means. [25]
2. Discuss in detail cementation of anterior restorations. [25]
3. **Short essay on :** [10x5=50]
  - (a) Conservative restorative options in FPD
  - (b) Stabilization v/s Anterior repositioning splints
  - (c) Anterior reference points
  - (d) Dies - Types and materials
  - (e) Principles of anterior esthetics

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**QP Code: PCN104**

**MDS[Prosthodontics and Crown & Bridge]  
[PART- II]**

BF/2023/08

**Descriptive and Analysing Type Question**

**[Paper-III]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

- Note:*
- 1.) *Attempt any TWO questions out of THREE questions.*
  - 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
  - 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

**Attempt any TWO questions:**

**[50 x 2= 100]**

1. Discuss management of Prosthodontic practice in COVID 19 Pandemic era.
2. Discuss in detail, modifications and innovations in Implant abutment design to facilitate biomechanical success of fixed or removable implant supported prosthesis
3. Critically analyse the role of restorative / prosthetic material in Esthetic outcome of dental prosthesis

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**QP Code: PEN101**

# **MDS[Periodontology]**

## **[PART- I]**

BF / 2023 / 12

### **Applied Basic Sciences**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. Write a note on Salivary glands. [10]
2. Effect of Nutritional deficiencies on Periodontium. [10]
3. Write a note on Cross sectional study. [10]
4. Write a note on different Levels of significance. [10]
5. Write a note on Non-bacterial inhabitants of Oral cavity. [10]
6. Role of Anticoagulants in Periodontal Surgery. [10]
7. What are Ethics in Research? [10]
8. Discuss the process of Acute Inflammation. [10]
9. Define Sterilization. Discuss various methods of Sterilization and Disinfection in Dental Setup. [10]
10. Describe the mechanism of Apoptosis. Mention its role in maintenance of Homeostasis [10]

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**MDS[Periodontology]  
[PART- II]**

BF / 2023 / 08

**Normal Periodontal Structure, Etiology and Pathogenesis of  
Periodontal Diseases, Epidemiology as Related to Periodontics**  
[Paper-I]

**[New Regulations w.e.f. 2018 admission]**

**Time : 3 Hours**

**Max Marks. : 100**

- Note:**
- 1.) *Attempt all questions.*
  - 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
  - 3.) **The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.**

1. Describe the choice of treatment for Aggressive Periodontitis.  
[25]
2. Describe in detail Peri\_implant diseases and their management.  
[25]
3. **Short essay on:** [10x5=50]
  - (a) Discuss the role of Biomarkers in Periodontal disease
  - (b) Periodontal Lesion is a healing lesion. Justify the statement.
  - (c) Give the different theories of Calculus formation
  - (d) Briefly describe the pathogenesis and management of dentinal hypersensitivity
  - (e) Role of Occlusal rehabilitation in Periodontal treatment

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**QP Code: PEN103**

**MDS[Periodontology]**  
**[PART- II]**

BF/2023/08

**Periodontal Diagnosis, Therapy and Oral Implantology**

**[Paper-II]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

**1.) *Attempt all questions.***

**2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***

**3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1. Discuss in detail about evaluation and development of different G.T.R membranes. [25]
2. Discuss about the current approach in management of Teeth hypersensitivity. [25]
3. **Short essay on :** [10x5=50]
  - (a) Future directions in Infection control
  - (b) Osseointegration of Implant
  - (c) Treatment of Oral malodor
  - (d) Role of NSAID in Host modulation therapy
  - (e) Discuss root biomodification: Current concepts

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**QP Code: PEN104**

# **MDS[Periodontology]**

## **[PART- II]**

BF/2023/08

### **Descriptive and Analysing Type Question**

**[Paper-III]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

*Note:*

- 1.) Attempt any TWO questions out of THREE questions.*
- 2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

**Attempt any TWO questions:**

**[50 x 2= 100]**

1. Discuss the factors affecting successful Implant therapy.
2. Discuss the various advanced diagnostic aids related to Periodontal therapy.
3. Discuss the role of Immune- suppressive drugs and their effect on  
Periodontium. -----



**QP Code: OSN101**

**MDS[Oral & Maxillofacial Surgery]**  
**[PART- I]**

BF/2023/12

**Applied Basic Sciences**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

**1.) *Attempt all questions.***

**2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***

**3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1. Discuss Surgical anatomy of the anterior and posterior triangles of Neck in relation to management of Carcinoma of Oral cavity. [10]
2. Classify Nerve injuries. Describe Nerve healing in detail. [10]
3. Discuss the factors in the Selection of Antibiotics for a patient undergoing Maxillofacial surgery. [10]
4. Write short note on Antisialogogues. [10]
5. Discuss types of Pain. Describe in detail the pain pathway. [10]
6. Write in detail about diseases of Platelets and their management. [10]
7. Discuss Bisphosphonates and their role in Oral surgery. [10]
8. Describe types of Blood groups and enumerate the complications of Blood transfusion. [10]
9. Classify types of Hypersensitivity reactions. How will you manage a case of Acute hypersensitivity reactions. [10]
10. Write in detail about differential diagnosis of anterior neck swellings. [10]

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**QP Code: OSN102**

**MDS[Oral & Maxillofacial Surgery]  
[PART- II]**

BF/2023/08

**Minor Oral Surgery and Trauma**

[Paper-I]

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. Describe indications, contraindications and procedure of Tracheostomy.  
[25]
2. Discuss etiology, clinical features and management of Cavernous sinus thrombosis.  
[25]
3. **Short essay on :** [10x5=50]
  - (a) Secondary hemorrhage
  - (b) Use of drains in maxillofacial surgery
  - (c) Surgical management of trigeminal neuralgia
  - (d) Blow out fracture of orbit
  - (e) Dexamethasone

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**MDS[Oral & Maxillofacial Surgery]  
[PART- II]**

BF/2023/08

**Maxillo- facial Surgery**

[Paper-II]

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. Describe WHO classification of Odontogenic tumours. Discuss Ameloblastoma, its pathogenesis, clinical, radiological features, diagnosis and management in detail.

[25]

2. Define TMJ Ankylosis. Describe Total Temporomandibular Joint Replacement Surgery, its indications, procedure and complications in detail.

[25]

3. **Short essay on :**

[10x5=50]

- (a) Distraction osteogenesis
- (b) Radical neck dissection
- (c) Apertognathia
- (d) Cryosurgery in maxillofacial lesions
- (e) Oral Submucous fibrosis

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**QP Code: OSN104**

**MDS[Oral & Maxillofacial Surgery]  
[PART- II]**

BF/2023/08

**Descriptive and Analysing Type Question**

**[Paper-III]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt any **TWO** questions out of **THREE** questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) ***The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

**Attempt any TWO questions:**

**[50 x 2= 100]**

1. Write recent advances in the management of temporo Mandibular disorders.
2. Discuss current concepts in microvascular reconstructions in maxillofacial region.
3. Describe Computer Assisted Surgery (CAS) and its applications in oral and maxillofacial surgery.

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**QP Code: CDN101**

**MDS[Conservative Dentistry and Endodontics]  
[PART- I]**

BF/2023/12

**Applied Basic Sciences**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

*Note:*

*1.) Attempt all questions.*

*2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

*3.) The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Development, anatomy, muscles, innervations and blood supply of Tongue. [10]
2. Regulation of Blood glucose level. [10]
3. Water – soluble vitamins [10]
4. Mercury hygiene in Dental office. [10]
5. Experimental study. [10]
6. Management of patient suffering from Covid 19 requiring dental treatment. [10]
7. Recent advances in Composites. [10]
8. Local and systemic complications of Local Anesthesia. [10]
9. Matricing in Operative dentistry [10]
10. Dentin Bonding agents and different generations [10]

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**QP Code: CDN102**

**MDS[Conservative Dentistry and Endodontics]  
[PART- II]**

BF/2023/08

**Conservative Dentistry  
[Paper-I]  
[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Discuss in detail about the discoloration of teeth caused by hereditary conditions and management of such discoloration.  
[25]
2. Which way has bonding impacted the restoration of grossly decayed teeth?  
[25]
3. **Short essay on :** [10x5=50]
  - (a) Caries detection
  - (b) Management of hypersensitive teeth
  - (c) Digital impression
  - (d) Positive casting defects
  - (e) General protocol for shade selection

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**QP Code: CDN103**

**MDS[Conservative Dentistry and Endodontics]  
[PART- II]**

BF/2023/08

**Endodontics**

**[Paper-II]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Discuss the management and complications associated with luxation injuries.  
[25]
2. Discuss the newer obturation materials and techniques.  
[25]
3. **Short essay on :** [10x5=50]
  - (a) Endo-Perio Lesions
  - (b) Rationale of Endodontics
  - (c) Scaffolds in Regenerative Endodontics
  - (d) Retrograde preparation and materials
  - (e) C-Shaped canal

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**QP Code: CDN104**

**MDS[Conservative Dentistry and Endodontics]  
[PART- II]**

BF/2023/08

**Descriptive and Analysing Type Question**

**[Paper-III]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

*Note:*

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

**Attempt any TWO questions:**

**[50 x 2= 100]**

1. Magnification in Endodontics.
2. Indirect Tooth Colored Restorations.
3. Critically Evaluate Dentine Bonding Agents

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**QP Code: ODN101**

**MDS[Orthodontics & Dentofacial Orthopedics]  
[PART- I]**

BF/2023/12

**Applied Basic Sciences**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

- Note:**
- 1.) *Attempt all questions.*
  - 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
  - 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Growth predictions. [10]
  2. Orthodontic alloys. [10]
  3. Functions of muscles and ligaments related to TMJ. [10]
  4. Role of relevant vitamins and hormones in Craniofacial growth and development. [10]
  5. First and second messengers in Orthodontic tooth movement [10]
  6. Antisialogogues in Orthodontics. [10]
  7. Developmental defects of the Face. [10]
  8. Animal experimental protocol. [10]
  9. Sterilization and disinfection of Orthodontic instruments. [10]
  10. Bioethics in Orthodontics. [10]
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**QP Code: ODN102**

**MDS[Orthodontics & Dentofacial Orthopedics]  
[PART- II]**

BF/2023/08

**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 Orthodontics**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) Attempt all questions.**
- 2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**
- 3.) The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. Discuss the etiology of facial asymmetries, essential diagnostic information in treatment planning of its correction.

[25]

2. Discuss the role, interpretation, advantages and drawbacks of CVMI.

[25]

3. **Short essays :**

[10x5=50]

- (a) 3D imaging in Orthodontics
- (b) Development of intelligence according to Piaget in children
- (c) Prevalence of Malocclusion: is it in increase.
- (d) Diagnosis of Mandibular prognathism
- (e) Reverse pull Head Gear

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**QP Code: ODN103**

**MDS[Orthodontics & Dentofacial Orthopedics]  
[PART- II]**

BF/2023/08

**Clinical Orthodontics**

**[Paper-II]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Describe the principles & applications of loops in arch wire design and compare with the use of low modulus arch wire materials.

[25]

2. Outline the clinical features of skeletal open bite. Discuss its management in a growing child.

[25]

3. **Short essays :** [10x5=50]

- (a) Headgears in Orthodontics
- (b) Finishing and detailing in orthodontics
- (c) Invisible orthodontics
- (d) Late incisor crowding and its clinical management
- (e) White spot lesion management

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**QP Code: ODN104**

**MDS[Orthodontics & Dentofacial Orthopedics]  
[PART- II]**

BF/2023/08

**Descriptive and Analysing Type Question**

**[Paper-III]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

**Attempt any TWO questions:**

**[50 x 2= 100]**

1. Self- Ligation
2. Root Resorption
3. Dogmas in orthodontics

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**MDS[Oral & Maxillofacial Pathology & Oral Microbiology]  
[PART- I]**

BF/2023/12

**Applied Basic Sciences**

[Paper-I]

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

*Note:*

*1.) Attempt all questions.*

*2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

*3.) The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

1. What are the morphological changes of Reversible and Irreversible Cell and Tissue injury. [10]
2. Write about Dental plaque and Oral microbial communities. [10]
3. Discuss the Parametric and Non- parametric tests of Statistical significance. [10]
4. Describe the regulation mechanisms of Blood glucose level. Add a note on Diabetes Mellitus and its biochemical investigations. [10]
5. Write in detail about the structure and function of Cell junctions. [10]
6. Describe the structure of Gingiva and its parts. Give the clinical significance of Dento- gingival junction. [10]
7. Write about 'Non-Candida albicans Candidal Infections'. Describe laboratory diagnosis methods used for Candida species identification [10]
8. **Write notes on :** [10]
  - Post- translational modifications
  - Repair mechanisms of DNA
9. Describe in detail the development of Face. Add a note on associated anomalies affecting the Lips. [10]
10. Discuss the development of Jaw bones and add a note on their age changes. [10]

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**QP Code: PPN101**

**MDS[Pediatrics and Preventive Dentistry]  
[PART- I]**

BF/2023/12

**Applied Basic Sciences**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Discuss the Genetic aspect of oral and dental diseases. [10]
2. Facial nerve and its clinical implications. [10]
3. CONSORT [10]
4. Discuss the extrinsic and intrinsic pathways of Blood coagulation with clinical significance. [10]
5. Theories describing the phases of Eruption of primary and permanent tooth with a histological perspective. [10]
6. Role of host factors in etiology of Dental caries. [10]
7. Explain classical and conditioning theory of Psychological development.[10]
8. Role of Pediatric dentistry in Forensic odontology. [10]
9. Growth spurts and their importance in treatment planning. [10]
10. Elaborate ICDAS recording criteria highlighting its clinical applicability. [10]

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**QP Code: PPN102**

**MDS[Pediatrics and Preventive Dentistry]  
[PART- II]**

BF/2023/08

**Clinical Pedodontics**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

1. Critically evaluate various Obturating materials and Obturating techniques in Pediatric dentistry.

[25]

2. Write in detail about Dental implications and management of children with Blood dyscrasias.

[25]

3. **Short essays :** [10x5=50]

- (a) Causes of failure of Inferior alveolar nerve block in Children
- (b) Dental Home
- (c) Imaginary audience and personal fable
- (d) Pediatric considerations for Extraction of tooth 75
- (e) Radiation protection for Children

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**QP Code: PPN103**

**MDS[Pediatrics and Preventive Dentistry]  
[PART- II]**

BF/2023/08

**Preventive and Community Dentistry as applied to  
Pediatric Dentistry**

[Paper-II]

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. Discuss in detail, the behaviour management of Handicapped child in Paediatric dental practice.

[25]

2. Describe in detail the present epidemiological two decades studies of Dental caries with prevalence studies evaluation in India.

[25]

3. **Short essays :**

[10x5=50]

- (a) Use of computers and photography in Paediatric dentistry
- (b) Describe caries activity test and estimation of fluoride concentration in Drinking water.
- (c) Dental health education program in primary and junior high school children in Rural areas
- (d) Role of Paediatric dentist in child abuse and neglect in India
- (e) Discuss Psychological theories of child psychology with their clinical application

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**QP Code: PPN104**

**MDS[Pediatrics and Preventive Dentistry]  
[PART- II]**

BF/2023/08

**Descriptive and Analysing Type Question**

**[Paper-III]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

**Attempt any TWO questions:**

**[50 x 2= 100]**

1. Discuss management of Non vital young permanent teeth with respect to newer techniques and materials.
2. Discuss latest trends in Restorative management in children with emphasis on esthetics in children.
3. Describe concepts of Prevention to be applied to prevent ECC.

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**QP Code: QMN101**

**MDS[Oral Medicine & Radiology]  
[PART- I]**

BF/2023/12

**Applied Basic Sciences**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

- Note:**
- 1.) *Attempt all questions.*
  - 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
  - 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Gross anatomy of Maxillary Sinuses and their applied aspect [10]
2. Development of Palate and its applied aspect [10]
3. Blood Groups and their applied aspect [10]
4. Regulation of Blood Pressure [10]
5. Essential amino acids [10]
6. Ehler's Danlos Syndrome [10]
7. Analgesics used to treat odontogenic Pains and their mode of action [10]
8. Cellular changes in Radiation injury and their manifestations [10]
9. Antibiotic Resistance [10]
10. Anaphylaxis and its Management [10]

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**QP Code: OMN102**

**MDS[Oral Medicine & Radiology]  
[PART- II]**

BF/2023/08

**Oral and Maxillofacial Radiology**

**[Paper-I]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

*Note:*

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. Classify Cysts of the Jaws. Discuss Odontogenic Keratocyst in detail.  
[25]
2. Discuss the principle of CBCT. Elaborate on various image receptors & artifacts in CBCT in detail. Add a note on its applied aspect.  
[25]
3. **Short essays :** [10x5=50]
  - (a) Acute radiation syndrome
  - (b) Periosteal reactions
  - (c) Bisphosphonate- related Osteonecrosis of Jaw
  - (d) Heterotropic Ossification
  - (e) Imaging modalities for TMJ

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**QP Code: OMN103**

**MDS[Oral Medicine & Radiology]  
[PART- II]**

BF/2023/08

**Oral Medicine, Therapeutics and Laboratory Investigations  
[Paper-II]  
[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

*Note:*

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

1. Classify Vesiculobullous lesions affecting the Oral cavity. Discuss in detail about recurring oral ulcers.

[25]

2. Classify disorders of Salivary glands. Discuss the investigations for salivary gland disorders. Describe in detail about Sjogren's syndrome.

[25]

3. **Short essays :**

[10x5=50]

- (a) TNM classification and staging of Oral cancer
- (b) Oral manifestations of AIDS
- (c) Cervical lymphadenopathy
- (d) Oral lichen planus
- (e) Toluidine blue test

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**QP Code: OMN104**

**MDS[Oral Medicine & Radiology]  
[PART- II]**

BF/2023/08

**Descriptive and Analysing Type Question**

**[Paper-III]**

**[New Regulations w.e.f.2018 admission]**

**Time :3 Hours**

**Max Marks. :100**

**Note:**

- 1.) *Attempt all questions.*
- 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
- 3.) *The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

**Attempt any TWO questions:**

**[50 x 2= 100]**

1. Evaluation of Dystrophic lesions of Jaw bones.
  2. Risk assessment and Dental consideration in Hematologic disorders.
  3. Discuss Viral oncogenesis. Describe in detail the role of HPV in Oral cancer
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