

QP Code: PCN101

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

BF/2020/12

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. Describe Paranasal sinuses [10]
 2. Colours in Prosthodontics [10]
 3. Describe Wound healing [10]
 4. Hospital Waste management [10]
 5. Advancement in Adhesive cements [10]
 6. Immunoglobulins [10]
 7. Histology of Periodontal ligament [10]
 8. What is Mean, Mode and Median [10]
 9. Bleeding time and Clotting time [10]
 10. Vitamin D [10]
-

QP Code: PEN101

MDS[Periodontology]

[PART- I]

BF/2020/12

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 development, structure and function of Periodontal ligament. [10]
2. Discuss in details the current concepts of Gingival epithelium. [10]
3. Describe the Host-derived proteolytic enzymes in the G.C.F. [10]
4. What is the role of Saliva in health and disease ? [10]
5. Describe the influences of female sex hormones on the Periodontium. [10]
6. Describe the Pharmacological agents that effect bone resorption. [10]
7. Discuss Cox-I and Cox-II inhibitors. [10]
8. Describe the general properties of Viruses with special reference to Herpes virus & Corona virus. [10]
9. What is Bio-statistics ? Discuss its branches. [10]
10. Define Shock. What is its pathogenesis. [10]

QP Code: OSN101

MDS[Oral & Maxillofacial Surgery]

[PART- I]

BF/2020/12

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. Describe the Stages of deglutition and discuss the disorders of deglutition mechanism. [10]
2. Explain with diagram the perception of pain in the Mouth. [10]
3. Classify Lymph nodes and describe the lymphatic drainage of Head & Neck. [10]
4. Describe in detail the development of face & its adjoining structures [10]
5. Calcium phosphate metabolism [10]
6. OPOID Analgesics [10]
7. Write note on Clotting mechanism & its factors. [10]
8. Define Inflammation. Describe the chemical mediators of inflammation. [10]
9. Lab investigations in Oral surgery [10]
10. Write a note on various Research methods. [10]

MDS[Paedodontics and Preventive Dentistry]

[PART- I]

BE/2020/12

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 in brief the Prenatal and Postnatal development of mandible. [10]
2. Write a note on Tongue tie in children- diagnosis, various types, manifestations and management. [10]
3. Cleft lip and Palate- classification, risk factors and histopathogenesis [10]
4. Write notes on the current recommendation schedule of Antibiotic Prophylaxis in children. [10]
5. Enumerate various Tests of Significance used in research statistics. Elaborate on the chi-square test. [10]
6. Tissue Engineering in Paediatric dentistry [10]
7. Briefly discuss the basic rationale of nutritional counselling in a Child.[10]
8. Write a note on Strain Replacement Theory and its applications in Paediatric dentistry. [10]
9. Discuss in brief on Amelogenesis Imperfecta and enumerate other developmental disturbances of enamel and dentine. [10]
10. Discuss in brief the mechanism of resorption of deciduous teeth: [10]
 - a) In the presence of Permanent successor
 - b) In the absence of Permanent successor

MDS[Oral Medicine & Radiology]

[PART- I]

BF/2020/12

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. Vit D and Bone formation | [10] |
| 2. Diet and Oral health | [10] |
| 3. Stem cells in Dentistry | [10] |
| 4. Tongue Anatomy | [10] |
| 5. Biomarkers in Oral Lichen Planus | [10] |
| 6. Lymph, lymphatic system and lymphatic drainage of Head & Neck | [10] |
| 7. Giant cells and their various types | [10] |
| 8. Antibiotics in Immuno compromised patients | [10] |
| 9. Coagulopathies | [10] |
| 10. Antiviral Therapy: A current approach | [10] |
-