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MDS[Prosthodontics]
BF/2008/05

Basic & Allied Sciences
[Paper-I]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss Casting Failures.
2.
 - a. Muscles of Mastication.
 - b. Inflammation.
3.
 - a. Role of Vitamins and minerals in geriatric patients.
 - b. House classification of edentulous patients.

Complete and Partial removable Prosthodontics
[Paper-II]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss Retention, Stability and support with reference to a poor ridge foundation.
 2.
 - a. Significance of Bennett movement.
 - b. Validity & Reliability of various Jaw relation methods in C.D. prosthodontics.
 3.
 - a. Mouth preparation for R.P.D.
 - b. Analyse the use of R.P.D. as a periodontal prosthesis.
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**Fixed Prosthodontics, Maxillofacial and
Implant Prosthodontics**
[Paper-III]

Time : 3 Hours

Note : Attempt all questions.

1. Provisional Restoration - Discuss.
2. Discuss in detail:
 - a. Resin Bonded Bridges.
 - b. Occlusion in Full mouth rehabilitation.
3. Write on:
 - a. Management of a Congenital Defect with a Prosthesis.
 - b. Immediate Loading implants.

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Essay
[Paper-IV]

Time : 3 Hours

Write an essay on:

Prosthodontics consideration in Geriatric patient.

OR

Recent development in treating partially or complete edentulous patients.

MDS[Conservative Dentistry] ^{1st}
BF/2008/05

Basic & Allied Sciences
[Paper-I]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss epidemiology of dental caries and role of nutrition in prevention of dental caries?
 2. **Discuss:**
 - a. Recent dental materials.
 - b. And its uses in the light of present day context.
 3. **Write about role of following in dentistry:**
 - a. LASERS.
 - b. Operating microscope.
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Operative Dentistry
[Paper-II]

Time : 3 Hours

Note : Attempt all questions.

1. Current status of composite resins and adhesive dentistry.
2. **Write short notes on:**
 - a. Caries prevention methods.
 - b. High copper amalgam.
3. **Write short notes on:**
 - a. Inlay casting waxes.
 - b. Biological aspects of high speed preparation(cutting) of teeth.

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Endodontics
[Paper-III]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the development and usage of endodontic techniques and instruments in the last decade.
2.
 - a. Critically discuss the structure and feature of Root Apex and its significance in successful endodontic treatment.
 - b. Discuss and describe the causes of Pulp diseases.
3.
 - a. Analyse the role of drugs in endodontic treatment.
 - b. Analyse the rationale of root canal treatment.

MDS[Conservative Dentistry] ¹⁰⁵
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Essay
[Paper-IV]

Time : 3 Hours

Write an essay on:

Development of Glass Ionomers and write in detail about newer restorative glass ionomers.

OR

Dental Caries - Diagnosis and prevention. Discuss G.V. Black's tooth preparation Versus G.J. Mount's classification and management of dental caries.

MDS[Oral & Maxillofacial Surgery] 106
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Basic & Allied Sciences
[Paper-I]

Time : 3 Hours

Note : Attempt all questions.

1. Describe the applied anatomy of facial nerve and its clinical considerations about various incisions in maxillofacial region.
2. **Write notes on:**
 - a. Newer antibiotics in maxillofacial surgery.
 - b. Spread of malignant tumours in the body.
3. **Write on:**
 - a. Nerve injuries.
 - b. Cardiac arrest.

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MDS[Oral & Maxillofacial Surgery]
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Sciences & Art of Surgery, Haemorrhage & Shock
[Paper-II]

Time : 3 Hours

Note : Attempt all questions.

1. Classify Cysts of the Jaw bones. Rationalize the management of various cystic lesions of the Jaw bones.

2. **Write short notes on:**
 - a. Oro Antral Fistula

 - b. Complications of Radiotherapy in oral cancers.

3. **Write short notes on:**
 - a. Minor surgeries in patients with history of bleeding disorders.

 - b. Complications of general anaesthesia.

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MDS[Oral & Maxillofacial Surgery]
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Surgical Diseases of Jaws etc.
[Paper-III]

Time : 3 Hours

Note : Attempt all questions.

1. Classify Odontogenic tumors of the Jaw. How will you treat a case of Ameloblastoma at the angle of mandible.

 2.
 - a. Surgical techniques of doing Saggital split Osteotomy.
 - b. Osseointegration.

 3.
 - a. Growth centre transplantation in Ankylosis of T.M. joint.
 - b. Pleomorphic adenoma.
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Essay
[Paper-IV]

Time : 3 Hours

Write an essay on:

Rigid internal fixation of Mandibular fractures.

OR

Odontogenic tumours.

MDS[Paedodontia & Preventive Dentistry]
BF/2008/05

Basic & Allied Sciences & Immunology
[Paper-I]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss tooth development & how is Occlusion established.
 2.
 - a. Various physical & chemical agents to control dental Plaque.
 - b. Disinfection and sterilization in dentistry.
 3.
 - a. Conscious sedation.
 - b. Focal infections.
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MDS[Paedodontia & Preventive Dentistry]

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**Child Psychology and Dental Health
and Public Health Dentistry
[Paper-II]**

Time : 3 Hours

Note : Attempt all questions.

1. Discuss Piagets concept of psychological development of child.
2.
 - a. CPITN index.
 - b. Health education for school children.
3.
 - a. Defluoridation.
 - b. Bio Film.

MDS[Paedodontia & Preventive Dentistry]

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Clinical Pedodontics and Preventive Dentistry
[Paper-III]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the principles and concepts of cavity preparation in Primary and Permanent teeth for different restorative materials keeping in view the morphological differences between teeth of the two dentitions.
2.
 - a. Describe the step by step procedure of nutrition counselling in preventive dentistry.
 - b. Discuss Space management in paediatric dentistry - its rationale & supporting studies.
3.
 - a. Clinical interpretation of Paired and Unpaired 't' test.
 - b. Discuss the measures for prevention of spread of HIV and hepatitis in dental clinic.

MDS[Paedodontia & Preventive Dentistry]

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Essay
[Paper-IV]

Time : 3 Hours

Write an essay on:

Pediatric HIV/ AIDS infection and its oral implications.

OR

Child abuse and Neglect: A silent crime !
Discuss in brief dental neglect?

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BF/2008/05

Basic & Allied Sciences
[Paper-I]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the role of Saliva in the prevention of Periodontal disease.
2. **Describe in brief:**
 - a. Cemento - Enamel junction and its clinical importance.
 - b. The importance of tooth structure and form in Periodontics.
3. **Write short notes on:**
 - a. Functions of Periodontal ligament.
 - b. Keratinised oral mucous membrane.

MDS[Periodontology]

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Epidemiology, Etiology, Pathology and Oral Medicine
[Paper-II]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the anatomic and restorative contributory factors in periodontal disease.
2. **Write notes on:**
 - a. Genetic study designs.
 - b. Aetiology and diagnosis of 'Halitosis'.
3. **Discuss in brief:**
 - a. Indices to measure the severity of gingival inflammation.
 - b. Periodontal disease and the pregnancy outcome.

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**Diagnosis, Prognosis, Therapy, Oral implantology
and Preventive
[Paper-III]**

Time : 3 Hours

Note : Attempt all questions.

1. Discuss diagnosis and treatment planning for an Implant patient.
2. **Discuss:**
 - a. Local drug delivery systems.
 - b. Periodontal probes.
3. **Write notes on:**
 - a. Regenerative potential of various bone grafts materials.
 - b. Cytokines.

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Essay
[Paper-IV]

Time : 3 Hours

Write an essay on any ONE of the following:

Role of magnification in Periodontal Plastic surgical procedure.

OR

Recent diagnostic methods in Periodonto-Pathic micro-organism identification.
