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MDS[Periodontology]
BF/2007/11

Basic & Allied Sciences
[Paper-I]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the current concept of Inflammation.
 2. **Describe in brief:**
 - a. Importance of epithelium in periodontics.
 - b. Biosynthesis of Collagen.
 3. **Write notes on:**
 - a. Cells of the periodontal ligament.
 - b. Importance of attached Gingiva.
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Epidemiology, Etiology, Pathology and Oral Medicine
[Paper-II]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the impact of systemic health on periodontal disease.
 2. **Write notes on:**
 - a. Risk factors for periodontal diseases.
 - b. Periodontal pocket is a healing lesion - Discuss.
 3. **Discuss in brief:**
 - a. Matrix Metalloproteinases[MMPs] and their role in periodontal diseases.
 - b. Important epidemiological studies related to periodontal diseases, in different parts of India.
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**Diagnosis, Prognosis, Therapy, Oral implantology
and Preventive**
[Paper-III]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the advanced diagnostic aids.
 2. **Discuss:**
 - a. Enamel matrix derivative.
 - b. Periodontitis verses Perioimplantitis.
 3. **Write notes on:**
 - a. Types of Collagen.
 - b. Biochemistry of Cementum.
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Essay
[Paper-IV]

Time : 3 Hours

Write an essay on any ONE of the following:

Emerging trends in Oral Care.

OR

Lasers in Periodontics.

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MDS[Conservative Dentistry]
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Basic & Allied Sciences
[Paper-I]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss age changes in Maxilla and mandible & its correlations with the dental treatments?
 2. Discuss role of diet and nutrition on development of teeth?
 3. Write critically about:
 - a. Smear layer.
 - b. Pulp stones.
 - c. Fluorosis.
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Operative Dentistry
[Paper-II]

Time : 3 Hours

Note : Attempt all questions.

1. Critically evaluate dimensional stability of various restorative materials.
 2. **Write short notes on:**
 - i) Pressable Ceramics.
 - ii) Recent trends in Caries detection.
 3. **Write short notes on:**
 - i) Current status of Dental Amalgam
 - ii) Self etching Primers.
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Endodontics
[Paper-III]

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the scope and limitations of bacteriological evaluation and intracanal medication in the field of endodontics.
 2.
 - a. Principles in managing the emergencies in the field of endodontics.
 - b. Write in brief about the newer trends in root canal instrumentation.
 3.
 - a. Justify the importance of radiographs in endodontics.
 - b. Discuss the philosophy of root canal obturation.
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Essay
[Paper-IV]

Time : 3 Hours

Write an essay on:

1. Dental caries is not a lesion - it is a disease and contemporary approaches to carious management.

OR

2. Effective strategies for management of endodontic pain.

OR

3. Issues that determine tooth retention Versus replacement.
