

M-357

**M. D. S. EXAMINATION (Supplementary), 2008
CONSERVATIVE DENTISTRY**

Paper-I

**Subject - Applied Anatomy, Physiology, Pathology,
Microbiology, Pharmacology & Dental Material**

Time : Three Hours

1. Discuss role of saliva in dental caries. 20
2. Development of Tongue. 20

SHORT ESSAYS

6 x 10

- (1) Muscles of Mastication.
- (2) Infection control procedure in conservative dentistry.
- (3) Inferior alveolar nerve.
- (4) Calcium metabolism.
- (5) Hertwigs epithelial root sheath.
- (6) Biocompatibility of dental restorative materials.

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M. D. S. EXAMINATION (Supplementary), 2008
CONSERVATIVE DENTISTRY
Paper-II
Subject - Conservative Dentistry

Time : Three Hours

1. Write about recent advances in caries diagnosis and developments in Radiographic diagnosis of dental caries. 20
2. Discuss recent advances in Tooth Coloured restorative materials. 20
3. Short essays-
 - (a) Curing lights for composites 10
 - (b) Smear layer and bonding 10
 - (c) Investment materials 10
 - (d) Pre carving and post carving Burnishing 10
 - (e) Mercury Toxicity 10
 - (f) Tissue retraction 10

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M. D. S. EXAMINATION (Supplementary), 2008
CONSERVATIVE DENTISTRY
Paper-III
Subject - Endodontics

Time : Three Hours

Note- Attempt all questions.

1. Write long essays on the following- 20
 - (a) Write ~~who~~ and histological classification of diseases of Periapical Tissues. Write in detail about Pathobiology of Primary Apical Periodontitis.
 - (b) Classify post systems based on their Design, Rigidity and Materials used. Write in detail the importance of Post Length & Diameter and Methods of post space preparation.

2. Write short essays on the following- 10 each
 - (a) Role of E-feacalis in Root Canal Failures.
 - (b) NITI in Endodontics
 - (c) Non Odontogenic Toothaches
 - (d) Mechanism of Anti microbial activity of Calcium Hydroxide.
 - (e) Use of Antibiotics in Endodontics
 - (f) Microsurgery in Endodontics.

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M. D. S. EXAMINATION (Supplementary), 2008
CONSERVATIVE DENTISTRY
Paper-IV
Subject - Essay

Time : Three Hours

Note- Attempt all questions.

1. Write about microscope and microsurgery in Endodontics.

OR

Recent advances in endodontic instruments.

M-1044

M. D. S. Examination, 2008

**APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
MICROBIOLOGY & PHARMACOLOGY,
DENTAL MATERIAL**

Paper-I

Sub : Conservative Dentistry

Time : 3 Hours]

[M. M. :

Note : Your answers should be specific to the questions asked. Draw neat and labelled diagrams wherever necessary. Answers all questions.

1. Describe the internal anatomy of the teeth in relation to Endodontics ?
 2. Developmental anomalies of hard tissues of the teeth.
 3. Write in detail about sensory nerve supply to the jaws and discuss about the causes of damage of inferior alveolar nerve ?
- Describe the Physiology and mechanism of coagulation along with the associated disorders ?

M-1045
M. D. S. Examination, 2008
CONSERVATIVE DENTISTRY
Paper-II

Time : 3 Hours]

[M. M. :

Note : Your answers should be specific to the questions asked. Draw neat and labelled diagrams wherever necessary. Answer all questions.

1. Critically analyse margins of cast restoration. Discuss the effects of subgingival margins of restoration on gingiva and its health.
2. Discuss about gold as a restorative material.
3. Short essays :
 - (i) Recent advancements in glass ionomer cements.
 - (ii) Porosity in castings.
 - (iii) Finishing and Polishing methods of various restorations.
 - (iv) Different Impression Techniques for indirect restorations.
 - (v) Die and Die materials.
 - (vi) Topical Fluorides in Caries Prevention.

M-1046

M. D. S. Examination, 2008

CONSERVATIVE DENTISTRY

Paper-III

Sub: Endodontics

Time: 3 Hours]

[M. M.

Answers should be specific to the questions asked. Draw neat and labelled diagrams wherever necessary. Answer all questions.

Write long essays on:

1. Biomechanical principles of Post and Core preparation. 20
2. Evaluate, discuss and compare the merits and demerits of recent advances in materials and technology in endodontics.

Write short essays on the following:

1. Balanced Force concept for instrumentation of curved canals. 10
2. Healing responses in horizontally fractured teeth. 10
3. Behavioural properties of Ni-Ti. 10
4. Resin bonded obturation techniques. 10
5. Lateral wall perforation. 10
6. C shaped canals and their management. 10

M-1047

M. D. S. Examination, 2008

CONSERVATIVE DENTISTRY

Paper-IV

Sub : Essay

Time : 3 Hours]

[M. M. :

Note : Your answers should be specific to the questions asked. Draw neat and labelled diagrams wherever necessary. Answer all questions.

1. Gene Therapy in Endodontics.

Or

Management of Medically Compromised Patients.

MI-1051

M. D. S. Examination, 2008

ORAL SURGERY

Paper-IV

Sub : Essay

Time : 3 Hours]

[M. M.]

Note : Write an essay on any one of the following question. Draw neat labelled diagrams wherever necessary.

1. Evolution of Orthognathic Surgery.

Or

Explain osteosynthesis & the concept of rigid, semi-rigid and non-rigid internal fixation.