

BHOGAVATI : JUNE 2007
SUBJECT : BRANCH-IV : CONSERVATIVE DENTISTRY
APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND DENTAL MATERIALS
PAPER-I

Day : Monday
Date : 04/06/2007

Time : 9.30 AM TO 12.30 PM
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Draw diagrams **WHEREVER** necessary.
-

Long Essay questions

(2 × 20 marks)

- Q. 1 Dental the course, relations, branches and applied anatomy of the mandibular nerve.
- Q. 2 Discuss composition and functions of saliva. What is its role in the incidence and progression of dental caries?

Short Essay questions

(6 × 10 marks)

- Q. 3 What is the origin, insertion, nerve supply and action of the muscles of mastication?
- Q. 4 Describe the age changes in pulp, dentin and enamel and their significance in clinical conservative dentistry.
- Q. 5 Describe the evolution of glass ionomer cements.
- Q. 6 Briefly discuss theories of eruption of teeth.
- Q. 7 What are the methods to compensate for casting shrinkage in base metal alloys?
- Q. 8 Give a brief resume of dental gypsum products.

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BHOGAVATI : JUNE 2007
SUBJECT : BRANCH-IV : CONSERVATIVE DENTISTRY AND ENDODONTICS
CONSERVATIVE DENTISTRY AND CARIOLOGY
PAPER-II

Day : Tuesday
Date : 05/06/2007

Time : 9.30 AM TO 12.30 PM
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Draw diagrams **WHEREVER** necessary.
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Long Essay questions

(2 × 20 marks)

- Q. 1 Discuss the histopathology of caries in enamel and dentine.
- Q. 2 Historical review and recent developments in composite resins.

Short Essay questions

(6 × 10 marks)

- Q. 3 Describe various caries activity tests.
- Q. 4 Mechanics of cutting with dental burs.
- Q. 5 Forces acting on cast restorations and methods adopted to ensure the retention and stability.
- Q. 6 Discuss recent developments in caries immunization.
- Q. 7 Matrices in conservative dentistry.
- Q. 8 Intermediate restorations.

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BHOGAVATI : JUNE 2007
SUBJECT : BRANCH-IV : CONSERVATIVE DENTISTRY AND ENDODONTICS
ENDODONTICS
PAPER-III

Day : Wednesday
Date : 06/06/2007

Time : 9.30 AM TO 12.30 PM
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Draw diagrams **WHEREVER** necessary.
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Long Essay questions

(2 × 20 marks)

- Q. 1 Describe the structure and features of root apex and its significance in endodontics.
- Q. 2 Detail and compare various methods for obturating root canal.

Short Essay questions

(6 × 10 marks)

- Q. 3 Use of ultrasonics in endodontics.
- Q. 4 List and describe flap designs in endodontic surgery.
- Q. 5 Compare in-office vital bleach with night-guard vital bleach.
- Q. 6 List and explain various methods to assess status of pulp.
- Q. 7 What are the common causes of hypochlorite accident? How can these be prevented and managed?
- Q. 8 Briefly discuss dentin hypersensitivity and its management.

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BHOGAVATI : JUNE 2007
SUBJECT : BRANCH-IV : CONSERVATIVE DENTISTRY AND ENDODONTICS
ESSAY
PAPER-IV

Day : Thursday
Date : 07/06/2007

Time : 9.30 AM TO 12.30 PM
Max. Marks : 100.

N.B.:

- 1) Draw diagrams **WHEREVER** necessary.
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Write an essay on

(1 × 100 marks)

- 1) "Post and core" for restoration of endodontically treated teeth.

OR

- 2) Applications of lasers in dentistry.

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