

BHOGAVATI-II: JUNE 2005
SUBJECT: BRANCH-IV: CONSERVATIVE DENTISTRY
PAPER-I: BASIC DENTAL SCIENCES AND CONSERVATIVE DENTISTRY

Day : Monday
Date : 06/06/2005

Time : 10.00 A.M. TO 1.00 P.M.
Max. Marks : 100.

N.B.:

All questions are **COMPULSORY**.

Long Essay question (2 x 20 marks)

- 1) Discuss advantages and limitations of tooth-coloured restorative materials for posterior teeth.
- 2) Describe various non-carious tooth defects. Write in detail etiology, diagnosis and management of these conditions.

Short Essay questions (6 x 10)

- 3) Discuss the significance of structural elements of enamel in restorative dentistry.
- 4) Describe recent advances in vital bleaching procedures.
- 5) Explain mercury toxicity. How can it be prevented in clinical practice?
- 6) Elaborate the role of retentive pins in restorative dentistry.
- 7) Briefly explain management of soft tissue during restorative procedures.
- 8) Discuss recent developments in fabrication of ceramic restorations.

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BHOGAVATI-II: JUNE 2005
SUBJECT: BRANCH-IV: CONSERVATIVE DENTISTRY
PAPER-II: DENTAL MATERIALS AND CARIOLOGY

Day : Tuesday
Date : 07/06/2005

Time: 10.00 A.M. TO 1.00 P.M.
Max. Marks: 100.

N.B.:

All questions are **COMPULSORY**.

Long Essay question (2 x 20 marks)

- 1) Discuss in detail histopathology of caries in enamel and dentin.
- 2) Enumerate various dentin bonding agents and critically analyse their role in composite restorations.

Short Essay questions (6 x 10)

- 3) Give composition, desirable properties and causes of distortion of inlay casting wax.
- 4) Describe various caries activity tests.
- 5) Describe specific usage of various dental cements in restorative dentistry based on their properties.
- 6) Discuss micro-flora chiefly associated with dental caries.
- 7) Briefly discuss methods to compensate for casting shrinkage in base metal alloys.
- 8) Write on recent advances in immunization against dental caries.

BHOGAVATI-II: JUNE 2005
SUBJECT: BRANCH-IV: CONSERVATIVE DENTISTRY
PAPER-III: ENDODONTICS

Day : Wednesday
Date : 08/06/2005

Time: 10.00 A.M. TO 1.00 P.M.
Max. Marks: 100.

N.B.:

All questions are **COMPULSORY**.

Long Essay question (2 x 20 marks)

- 1) Detail the protocol and procedure for single appointment endodontic therapy.
- 2) Describe composition, properties and biocompatibility of various root canal sealers.

Short Essay questions (6 x 10)

- 3) Explain the importance of digital radiography in endodontics.
- 4) Describe smear layer and its significance.
- 5) Briefly discuss recent advances in endodontic instruments for biomechanical preparation.
- 6) Discuss newer techniques to ascertain status of dental pulp.
- 7) Explain the role of calcium hydroxide in endodontics.
- 8) Briefly describe routinely used root canal disinfectants.

BHOGAVATI-II: JUNE 2005
SUBJECT: BRANCH-IV: CONSERVATIVE DENTISTRY
PAPER-IV: AN ESSAY

Day : Thursday
Date : 09/06/2005

Time: 10.00 A.M. TO 1.00 P.M.
Max. Marks: 100.

Essay (1 x 100 marks)

1) Surgical procedures in endodontics.

OR

2) Ceramics in restorative dentistry: past and present.

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