



MO-02012150

Seat No. _____

Fourth Year B. D. S. Examination

January - 2018

Conservative Dentistry & Endodontics

Time : **3** Hours]

[Total Marks : **70**

- Instructions :** (1) Write each section in separate answer book.
(2) Draw figure wherever necessary.
(3) Figures on right side indicate marks.

SECTION - I

- 1 Discuss resistance and retention features for tooth preparation for class II silver amalgam. **10**
- 2 Discuss properties and recent advancements of composite resins in detail. **10**

OR

- 2 Discuss procedural errors and its management related to access cavity preparation and cleaning and shaping of pulp space in detail. **10**
- 3 Write short notes on : (any **three**) **15**
- a. Vital pulp therapies.
 - b. "Walk in bleach" technique.
 - c. Modern dentine bonding agents.
 - d. Lateral condensation technique for obturation of root canal space.

SECTION - II

- 4 Describe various methods of diagnosis of dental caries in detail. **10**
- 5 Write in detail : (any **two**) **10**
- a. GIC is known as 'Man made Dentine' -Justify.
 - b. Design features of a Bur used in conservative dentistry.
 - c. Acute alveolar abscess and its management.

- 6** (1) Answer in short : (any **five**) **10**
- a. Various flap designs used during endodontic surgeries.
 - b. Simon's classification of endo perio lesions.
 - c. Prognosis of horizontal root fracture.
 - d. Components of Rubber dam isolation system.
 - e. Indications and contraindications of post and core restorations.
 - f. Crack tooth syndrome.
- (2) Answer in one word or one line : **5**
- a. No. of external line angles in class II Mesio Occlusal Distal preparation for silver amalgam.
 - b. Name the Irrigating agent used for champagne bubble test during root canal.
 - c. Mention the temperature and pressure of autoclave machine for sterilizing instruments.
 - d. Mention the Burs which are used for preparation of class II cast gold inlay.
 - e. No. of canals of right maxillary first molar of a 22 year old male patient.
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