



**PAF-02012150**

Seat No. \_\_\_\_\_

**Fourth Year B. D. S. Examination**

**August – 2020**

**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** Compare and contrast: tooth preparation for class II amalgam restorations and the same for cast metal restorations in detail. **10**

**2** Discuss causes of endodontic failures and describe its management. **10**

**OR**

**2** Discuss indications, contraindications and procedure of intentional replantation of right maxillary central incisor in detail. **10**

**3** Write short notes on : (any **three**) **15**

- (a) Apexogenesis in young permanent tooth.
- (b) Discuss resistance and retention form for class II composite restoration.
- (c) EDTA.
- (d) Pulp system of mandibular second permanent molar.

## SECTION - II

- 4 Describe various obturation techniques in detail. **10**
- 5 Write in detail : (any **two**) **10**
- (a) Step back technique during root canal treatment.
  - (b) Importance of Thermal pulp testing.
  - (c) Flap designs during endodontic surgery.
- 6 (A) Answer in short : (any **five**) **10**
- (a) Composition of GIC.
  - (b) Macroabrasion technique in bleaching.
  - (c) "Shape memory" and its clinical importance during RCT.
  - (d) Rule of colour change in endodontia.
  - (e) Bonded amalgam restorations.
  - (f) Champaign bubble test.
- (B) Answer in one word or one line : **5**
- (a) 25 number k file has \_\_\_\_\_ colour.
  - (b) Name the most accepted theory for dentine hypersensitivity.
  - (c) Define conservative dentistry.
  - (d) Enumerate zones of enamel caries.
  - (e) Mention the temperature of autoclave for sterilization of operative instruments.
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