

ITS Dental College, Hospital and Research Centre

47, Knowledge Park III, Greater Noida

Department of Conservative Dentistry and Endodontics

BDS 4<sup>th</sup> Year (2019 Regular Batch)

First Internal Assessment Examination

JUNE 2023

**Instructions:**

1. All questions are compulsory.
2. Draw Diagrams wherever necessary.

**Part- A MM: 35 marks**

- I. **Long Essays:** (2X10=20 marks)
  - a. Enumerate the steps in cavity preparation. Discuss in detail about class II cavity preparation for composites in maxillary first molar. (4+6=10)
  - b. Classify bonding agents. Differentiate between 5<sup>th</sup> and 6<sup>th</sup> generation bonding agents. Add a note on hybrid layer. (3+5+2=10)
- II. **Short Questions:** (3X5=15 marks)
  - a. C- factor
  - b. Rubber dam isolation
  - c. Cracked tooth syndrome

**Part -B MM: 35 marks**

- I. **Long Essays:** (2X10=20 marks)
  - a. Define Working length. State the significance of WL. Discuss different methods of WL determination. Write in detail on Ingle's method. Add a note on apex locators. (2+1+3+3+3=10)
  - b. Give objectives of cleaning and shaping the root canal systems in Endodontics. Write about the various techniques used for this purpose. (2+8=10)
- II. **Short Questions:** (3X5=15 marks)
  - a. Pulp Vitality testing
  - b. Sodium Hypochlorite
  - c. Access cavity for maxillary central incisor

