

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL BDS PART – II DEGREE EXAMINATION – DECEMBER 2017**  
**SUBJECT: CONSERVATIVE DENTISTRY AND ENDODONTICS (ESSAY)**  
**(NEW REGULATION)**

Monday, December 18, 2017

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

- ✍ **Answer ALL the questions precisely.**
- ✍ **Draw diagrams and flow charts wherever required.**

- 1A. Classify wasting diseases of teeth. Write in detail about the management of attrited teeth.
  - 1B. Define working length. Mention various methods of working length determination. Write in detail about Ingles' method of working length determination.
- (10 marks × 2 = 20 marks)

**2. Write short notes on:**

- 2A. Write the composition of gutta-percha. Add a note on the properties of ideal obturation material.
- 2B. Etiology, clinical features and management of acute apical periodontitis.
- 2C. Mention various circumferential matrices. Write in detail about tofflemire matrix retainer.
- 2D. Classify fracture according to Ellis. Mention different types of healing seen in root fracture.
- 2E. Classify pit and fissure sealants. Add a note on technique of placement of sealant.
- 2F. Mention different motions of instruments used for cleaning and shaping. Add a note on balanced force technique.
- 2G. Enumerate various root canal irrigants. Add a note on EDTA.
- 2H. Define inlay. Mention various casting defects.
- 2I. Classify amalgam. Add a note on delayed expansion.
- 2J. Classify pins. Add a note on self threaded pins.

(4 marks × 10 = 40 marks)

