

**Q P CODE: 204229**

**Reg No:.....**

**MDS Part II Degree Supplementary Examinations January 2019  
(Conservative Dentistry & Endodontics)**

**Paper IV - Recent Advances in Conservative Dentistry and Endodontics**

**Time: 3 Hours**

**Total Marks: 100**

- Answer any one Question.
- Draw Diagrams wherever necessary.

**Essay**

**(100)**

1. Dental caries remains a major health issue worldwide with prevalence of almost 90 percent in the adult population. There is emphasis on medical model (risk assessment) of caries management as opposed to the surgical approach of treatment. In this context:
  - Discuss the role of host factors in the progression of dental caries.
  - Evaluate the various components of caries risk assessment tools for adult patient

OR

2. The explicit location of the physiological apex of root canal is a prerequisite for successful endodontic therapy.
  - Explain the radiographic methods of working length determination
  - Describe working principal in the use of apex locators and compare the recent generations of electronic root canal length measurement devices.

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