

Q P CODE: 204229

Reg No:.....

**MDS Part II Degree Examinations July 2017
(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. The use of laser technique and its advancements in the field of medicine and dentistry is playing a major role in patient care and well-being. The future of lasers in dentistry is promising as newer applications and procedures are being developed.
 - Describe the working principal of laser with neat labelled diagram
 - Discuss clinical applications, limitations and future scope of both hard and soft tissue laser in operative dentistry and endodontics.

OR

2. Managing pain is a challenging task for the endodontics in spite of various advancement in the techniques and agents. Every clinical situation requires certain modification in pain management. In this regard:
 - Classify local anesthetics agents based on chemical structure and duration
 - Explain the cause of anesthetics failure and complications
 - Discuss alternate techniques of achieving anesthesia in endodontics
