

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL BDS PART – II DEGREE EXAMINATION – DECEMBER 2017**

**SUBJECT: PAEDIATRIC AND PREVENTIVE DENTISTRY (ESSAY)**  
**(NEW REGULATION)**

Friday, December 22, 2017

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

✍ **Draw diagrams and flowcharts wherever appropriate.**

1. Write the mechanism of action of fluorides. Discuss in detail about role of fluoride varnishes in prevention of dental caries.

(3+7 = 10 marks)

2. Define space maintenance and space management. Write indications, contraindications and fabrication of band & loop space maintainer.

(1+1+2+2+4 = 10 marks)

3. **Write short notes on:**

3A. Nursing caries vs. Rampant caries

3B. First transitional period of mixed dentition

3C. Miller's chemico-parasitic theory

3D. Classical conditioning theory

3E. Facial growth trends

3F. Physical restraints

3G. Muhler technique

3H. Management of an autistic child

3I. Indirect pulp capping

3J. Matrices used in pediatric dentistry

(4 marks × 10 = 40 marks)

