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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - II (PAEDIATRIC AND PREVENTIVE DENTISTRY) DEGREE EXAMINATION – NOVEMBER 2022

PAPER I

Saturday, November 05, 2022

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Draw diagrams and flowcharts where necessary.**

1. Write in detail on cervical vertebral maturation index. Add a note on its clinical significance during orthodontic treatment planning in the mixed dentition.

(25 marks)

2. Define minimal, moderate and deep sedation. Compare monitoring equipment, infrastructure and personnel requirements for moderate and deep sedation

(25 marks)

3. **Write Short Notes on:**

3A. Clinical phases of twin block therapy

3B. Clinical steps for preformed zirconia primary crowns

3C. Dental management of a child with congenital heart disease

3D. Resin modified glass ionomer cement

3E. Cvek pulpotomy

(10 marks × 5 = 50 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - II (PAEDIATRIC AND PREVENTIVE DENTISTRY) DEGREE EXAMINATION – NOVEMBER 2022

PAPER II

Monday, November 07, 2022

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Draw diagrams and flow charts where necessary.**

1. Discuss the design of an epidemiological survey for evaluating the prevalence of dental trauma in schoolchildren of your city.

(25 marks)

2. Discuss in detail the steps in implementation of school health program.

(25 marks)

3. **Write Short Notes on:**

3A. Infant oral health care

3B. School dental nurse

3C. Levels of prevention

3D. Nalgonda Technique of defluoridation

3E. Stratified random sampling

(10 marks × 5 = 50 marks)

