

**MANIPAL UNIVERSITY****FINAL BDS PART – II DEGREE EXAMINATION – JULY 2014****SUBJECT: PAEDIATRIC AND PREVENTIVE DENTISTRY (ESSAY)  
(NEW REGULATION)**

Tuesday, July 15, 2014

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

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

1. Enumerate different types of systemic fluoride used for caries prevention. Describe in detail the mechanism of action, method of preparation, method of application of sodium fluoride solution. Write a note on choking off effect.

(2+8 = 10 marks)

2. Define behavior management. Enumerate the non pharmacological methods of behavior management and discuss in detail any three non pharmacological modes of behavior management.

(2+8 = 10 marks)

**3. Write notes on:**

3A. Blue Grass appliance

3B. Tell-show-do

3C. Scammon's curve

3D. Turner's hypoplasia

3E. Anterior crossbite and its management

3F. Juvenile periodontitis

3G. Antibiotic prophylaxis to prevent bacterial endocarditis

3H. Lingual arch space maintainer

3I. Natal and neonatal teeth

3J. Dean's fluorosis index

(4 marks × 10 = 40 marks)

## MANIPAL UNIVERSITY

## FINAL BDS PART – II DEGREE EXAMINATION – JULY 2014

SUBJECT: PREVENTIVE AND COMMUNITY DENTISTRY (ESSAY)  
(OLD REGULATION)

Tuesday, July 15, 2014

Time: 14:30 – 17:00 Hrs.

Maximum Marks: 80

✍ Draw diagrams and flowcharts wherever appropriate.

1. Define biostatistics. Describe its uses. Explain the methods of presentation of data in detail.  
(2+2+6 = 10 marks)

2. Write notes on:

- 2A. Role of saliva in dental caries
- 2B. Ethical principles in dentistry
- 2C. Steps in planning
- 2D. Principles of primary health care
- 2E. Chlorination of water
- 2F. Tobacco and oral health
- 2G. History of fluorides
- 2H. Elements of school dental health program
- 2I. Uses of epidemiology
- 2J. Composting

(5 marks × 10 = 50 marks)

3. Write short notes on:

- 3A. Dental floss
- 3B. Classify indices
- 3C. Back washing
- 3D. Coinsurance
- 3E. Primary prevention
- 3F. Incineration
- 3G. Pilot survey
- 3H. World no tobacco day
- 3I. Trace elements and dental caries
- 3J. Pathfinder survey

(2 marks × 10 = 20 marks)