

# Rajiv Gandhi University of Health Sciences

IV (Part-I) B.D.S Degree Examination – June / July 2011

Time: 3 Hrs.

[Max. Marks : 100]

## ORAL MEDICINE & RADIOLOGY (RS)

### QP Code: 1162

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.

#### LONG ESSAY

**2 X 10 = 20 Marks**

1. Classify candidal lesions of the oral mucosa. Write in detail clinical features, lab diagnosis and management of oral candidiasis
2. What is the composition of the radiographic film? Describe the mechanism of image formation. Add a note on the constituents of developing and fixing solutions

#### SHORT ESSAY

**10 X 5 = 50 Marks**

3. Intensifying screen
4. Intraoral periapical film
5. Dosimetry
6. Aphthous stomatitis
7. Herpes zoster
8. Angular cheilitis
9. TNM staging
10. Exogenous pigmentation of oral cavity
11. Steroid in dentistry
12. Sialography

#### SHORT ANSWERS

**10 X 3 = 30 Marks**

13. Odontomes
14. Diazepam
15. Biopsy
16. Smokers palate
17. Extra oral radiographs
18. ALARA Principle
19. SLOB Technique
20. Taurodontism
21. Supernumerary teeth
22. Non vital teeth

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## ORTHODONTICS (RS)

QP Code: 1163

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.

### LONG ESSAY

**2 X 10 = 20 Marks**

1. Classify etiologies of malocclusion. Explain in detail the role of various abnormal habits in causing malocclusions
2. Define and classify Myo – functional appliances. Discuss the indications. Contra indications and steps in fabrications of any one functional appliance

### SHORT ESSAY

**10 X 5 = 50 Marks**

3. Enumerate indications and techniques of orthognathic surgeries
4. Functional matrix theory of growth & development
5. Discuss various theories of tooth movement
6. Tweed's triangle
7. Enumerate various systems of classifications of malocclusions. Describe any one of them
8. Rapid maxillary expansion
9. Classification and indications of extra oral appliances
10. Essential diagnostic aids used in orthodontics
11. Discuss the role of TMJ in orthodontics
12. Buccinator mechanism

### SHORT ANSWERS

**10 X 3 = 30 Marks**

13. Pseudo class III malocclusion
14. Growth spurts
15. Reciprocal anchorage
16. Preventive orthodontics
17. Optimum orthodontics force
18. Facial profile
19. Components of fixed appliances
20. Anterior bite plane
21. Super elasticity
22. Sensitization and stabilization

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## PEDODONTICS (RS)

QP Code: 1164

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### LONG ESSAY

**2 X 10 = 20 Marks**

1. Define pulpotomy. Enumerate materials used formatresol pulpotomy. Discuss in detail mocresol for pulpotomy.
2. Discuss the morphological and histological differences of primary and permanent teeth and its significance.

### SHORT ESSAY

**10 X 5 = 50 Marks**

3. Ugly duckling stage
4. Primate spaces
5. Stainless steel crown
6. Indirect pulp capping
7. Eruption sequence of primary and permanent teeth
8. Turner's hypoplasia
9. A P F (Acidulated Phosphate Fluoride)
10. Caries activity tests
11. Thumb sucking habit
12. Aversion

### SHORT ANSWERS

**10 X 3 = 30 Marks**

13. Gum pads
14. Critical PH
15. Natal & Neonatal teeth
16. Supernumerary teeth
17. Frankls behaviour rating scale
18. T – Band Matrix
19. HOME
20. Define early childhood caries and severe early childhood caries
21. Diet counseling
22. Tooth numbering systems

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## PREVENTIVE & COMMUNITY DENTISTRY (RS)

### QP Code: 1165

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#### LONG ESSAY

**2 X 10 = 20 Marks**

1. Define health education. Discuss in detail the group approach of health education
2. Define Epidemiology. What are the different Epidemiological study designs? Discuss the different types of Bias.

#### SHORT ESSAY

**10 X 5 = 50 Marks**

3. Principles of primary health care
4. Role of saliva in dental caries
5. Principles of ethics
6. Purification of water on small scale
7. Fluoride homeostasis
8. Primary prevention
9. Social stratification
10. Differences between clinical practice and dental public health
11. Types of evaluation
12. Group practice

#### SHORT ANSWERS

**10 X 3 = 30 Marks**

13. Cariogram
14. Relationship between prevalence and incidence
15. Incremental dental care
16. Line diagram
17. Index age groups of basic oral health surveys
18. Random sampling Technique
19. Odds Ratio
20. Dental aide
21. Fluoride supplements
22. Constitution of Dental Council of India

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