

# Rajiv Gandhi University of Health Sciences

IV (Part-I) B.D.S Degree Examination – June 2013

Time: 3 Hrs.

[Max. Marks : 100]

## 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. Discuss the appropriate diagnosis, Treatment planning and appliance of your choice for a boy of 12 years old with SNA angle of  $82^{\circ}$ , SNB angle of  $76^{\circ}$ , FMA angle of  $25^{\circ}$  and in mixed dentition period with class II molar relationship and over jet of 7mm.
2. Enumerate various functions of stomatognathic system. Discuss in detail the etiology clinical features and clinical management of mouth breathing habit

### SHORT ESSAY

**10 X 5 = 50 Marks**

3. Discuss Jacksons triad
4. Discuss the indications, advantages and disadvantages of serial extraction
5. Diagnosis and etiology of canine impaction
6. What are self correcting anomalies? Discuss any one of them
7. Discuss the features of atypical swallowing
8. Etiology of relapse in orthodontics
9. Composition and uses of NITINOL alloy in orthodontics
10. Discuss the theories of tooth movement in orthodontics
11. Enumerate methods of gaining space in orthodontics
12. Discuss the drawbacks of Angle's classification of malocclusions

### SHORT ANSWERS

**10 X 3 = 30 Marks**

13. Components of Removable appliance used in orthodontics
14. Pericision
15. Reverse overjet
16. Center of resistance
17. Optimum orthodontic force
18. Indications of activator appliances
19. Reciprocal anchorage
20. Use of digital technology in orthodontics
21. Advantages of Adam's clasp
22. Enlow's V principle of Growth

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