

# Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination - June 2013

Time: 3 Hrs.

[Max. Marks : 70]

## HUMAN ORAL ANATOMY & PHYSIOLOGY INCLUDING EMBRYOLOGY & HISTOLOGY (Old Scheme)

QP Code: 1108

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

### LONG ESSAY

2 X 10 = 20 Marks

1. Discuss in detail about the various types of Dentin. Add a note on its physical properties
2. Describe the morphology of maxillary first premolar and mention the differences between maxillary first and second premolar

### SHORT ESSAY

6 X 5 = 30 Marks

3. Fossa and sulcus
4. Development of maxilla
5. Masticatory mucosa
6. Hertwig's epithelial root sheath
7. Mucous cell
8. Odontoclasts

### SHORT ANSWERS

10 X 2 = 20 Marks

9. Chemical composition of enamel
10. Zone of Weil
11. Neonatal line
12. Thickness of cementum
13. Macrophages
14. Sharpey's fibers
15. Alveolar process
16. Dental formula
17. Functions of saliva
18. Gingival sulcus

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