

Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - June 2014

Time: Three Hours**Max. Marks: 100 Marks**

HUMAN ORAL ANATOMY & PHYSIOLOGY INCLUDING EMBRYOLOGY & HISTOLOGY (RS & RS2)

Q.P. CODE: 1158

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS**2 x 10 = 20 Marks**

1. Classify oral mucosa. Describe the light microscopic and ultra-structural features of keratinized stratified squamous epithelium of oral mucosa.
2. Describe the labial and palatal surfaces of permanent maxillary canine. List the important differences between the permanent maxillary and mandibular canine.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Physical properties and chemical composition of enamel
4. Tertiary dentin
5. Nerves of dental pulp
6. Functions of periodontal ligament
7. Histology of maxillary sinus
8. Striated duct
9. Surface structures of enamel
10. Role of hormones in calcium metabolism
11. Occlusal surface of permanent mandibular first molar
12. Derivatives of the first pharyngeal arch

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Tomes process
14. Tomes granular layer
15. Age changes in dental pulp
16. Hypercementosis
17. Digestive function of saliva
18. Pre eruptive tooth movement
19. Odontoclasts
20. Fate of dental lamina
21. Line angles and point angles of a tooth
22. Oblique ridge
