



# Rajiv Gandhi University of Health Sciences, Karnataka

**I B.D.S Degree Examination - 19-Nov-2020**

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTEOLOGY AND HISTOLOGY**

**Q.P. CODE: 1178 (RS3)**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Describe Parotid Gland under the following headings:
  - a) Situation
  - b) Relations
  - c) Structures within the Gland
  - d) Secretomotor Pathway
  - e) Applied Anatomy
2. Describe Tongue under the following headings:
  - a) Gross features
  - b) Nerve supply
  - c) Lymphatic Drainage
  - d) Development

### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

3. Microscopic Anatomy of Thymus – explain with labeled diagram.
4. Sphenoidal Air Sinus – boundaries, relations and applied Anatomy.
5. Digastric Triangle – boundaries and contents.
6. Derivatives of Second Pharyngeal Arch.
7. Parts and branches of Maxillary Artery.
8. Dangerous layer of Scalp and its applied Anatomy.
9. Submandibular Ganglion – situation, roots and branches.
10. Orbicularis Oculi – parts, nerve supply and action.

### **SHORT ANSWERS**

**5 x 2 = 10 Marks**

11. Name any four Muscles supplied by Recurrent Laryngeal Nerve.
12. Name the structures passing through Foramen Ovale.
13. Labeled diagram of Histology of Trachea.
14. Development of Upper Lip.
15. Pharyngobasilar Fascia.

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