



# Rajiv Gandhi University of Health Sciences, Karnataka

## I B.D.S Degree Examination - AUG - 2017

Time: Three Hours

Max. Marks: 100 Marks

### HUMAN ANATOMY INCLUDING EMBRYOLOGY & HISTOLOGY (RS & RS2)

**Q.P. CODE: 1151**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAYS

**2 x 10 = 20 Marks**

- Describe muscles of mastication under the following headings:
  - Origin
  - Insertion
  - Nerve supply
  - Actions
- Describe intrinsic muscles of the Larynx under the following headings:
  - Enumerate
  - Attachments
  - Nerve supply
  - Actions

#### SHORT ESSAYS

**10 x 5 = 50 Marks**

- Blood supply of Scalp
- Development of face
- Buccinator muscle – attachments, nerve supply and action
- Tympanic membrane
- Boundaries, contents and applied anatomy of Suboccipital triangle
- Otic ganglion – situation, roots and branches
- Relations of Hyoglossus muscle
- Maxillary air sinus – boundaries and applied aspects
- Carotid triangle – boundaries and contents
- Microscopic anatomy of thyroid gland – explain with labeled diagram

#### SHORT ANSWERS

**10 x 3 = 30 Marks**

- Name the Paranasal air sinuses
- Asterion
- Naso-ciliary nerve – origin and distribution
- Mylohyoid muscle – attachment and nerve supply
- Falx cerebri – attachments and sinuses present in it
- Boundaries of Laryngeal inlet
- Platysma muscle – attachment, nerve supply and action
- Vocal cords
- Inferior meatus of the nose
- Name four branches of maxillary nerve.

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