

February 2011

[KY 701]

Sub. Code: 4168

FIRST B.D.S DEGREE EXAMINATION
(Regulations for the candidates admitted from 2008-09 onwards)
Paper I – GENERAL ANATOMY INCLUDING EMBRYOLOGY
AND HISTOLOGY
Q.P. Code: 544168

Time: Three hours**Maximum: 70 Marks**Answer **ALL** questions.**I. Essays:****(2 x 15 = 30)**

1. a) Define “Para-nasal air sinuses”.
b) State the names of different air sinuses in the human body.
c) Describe the “Maxillary air sinus” under the following headings:
(i) Situation (ii) Boundaries (iii) Communication (iv) Neuro vascular supply (v) Applied anatomy.
2. Name the “Muscles of mastication”. Tabulate them under the following headings: (i) Origin (ii) Course (iii) Insertion (iv) Blood supply (v) Nerve supply and (vi) Action.

II. Short notes on:**(6 x 5 = 30)**

1. Development of tooth.
2. Facial artery in the face.
3. Spheno – mandibular ligament.
4. Internal Jugular vein.
5. Inferior alveolar nerve.
6. Investing layer of deep cervical fascia.

III. Write short answer questions:**(5 x 2 = 10)**

1. Name the para-sympathetic ganglia.
2. Draw the microscopic structure of “Hyaline cartilage” and name the parts.
3. Name the various taste buds in the tongue.
4. Cleft palate.
5. Facial colliculus – How its formed?
