

February 2012

[LA 652]

Sub. Code: 4168

**FIRST B.D.S. DEGREE EXAMINATION**

**PAPER I – GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY**

*Q.P. Code: 544168*

**Time : 3 hours  
(180 Min)**

**Maximum : 70 marks**

**Answer ALL questions in the same order.  
Draw Suitable diagrams wherever necessary**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. Enumerate the muscles of facial expression

Describe the origin, insertion, nerve supply, action, development and applied anatomy of Buccinator and orbicularis oculi.

2. Describe the Facial nerve under the following headings :

Nucleus, Functional components, Course Branches, distribution, and applied aspects.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Cervical part of brachial plexus and its applied anatomy
2. Septum of nose
3. Histology of retina
4. Ligaments of atlanto axial joint
5. Oogenesis
6. Circle of Willis
7. Fornix
8. Epiphysis
9. Nerve supply and actions of extra ocular muscles
10. Pharyngotympanic tube

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