

[LK 381]

JUNE 2017

Sub. Code: 2467

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
GENETICS PHYSICAL ANTHROPOLOGY AND
DENTAL MATERIAL**

Q.P. Code : 242467

Time: 3 Hours

Maximum: 75 Marks

I. Essay: (1 x 15 = 15)

1. Describe the anatomy and development of tongue. Discuss in detail about the functions and position of tongue which contribute to development of various malocclusions.

II. Short Essays: (6 x 10 = 60)

1. Neural crest cells.
2. Etiology, classification, clinical features and orthodontic management of temporo mandibular disorders.
3. Development and role of primary and secondary cartilages in cranio facial development.
4. First and second messengers in orthodontic tooth movement.
5. Sterilization and disinfection in orthodontics.
6. Orthodontic applications of Botulinum Toxin.
