

No. of Printed Pages : 02

MDS-261

Following Paper ID and Roll No. to be filled in your Answer Book.

**PAPER ID: 2601**

Roll  
No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Master of Dental Surgery Examination**  
**April 2017**

**Orthodontics and Dentofacial**  
**Orthopaedics**

**Paper- I**

**APPLIED ANATOMY, PHYSIOLOGY,  
PATHOLOGY, GENETICS PHYSICAL  
ANTHROPOLOGY AND DENTAL MATERAILS**

*Time : 3 Hours]*

*[Maximum Marks : 75*

**Note :-** Answer all questions.

1. Discuss the evolution, Morphology and Muscles involved in normal functioning of TMJ. 20
2. Discuss the static and Dynamic occlusal parameter to be considered in achieving an excellent occlusal result. 20
3. Write short notes on :  $7 \times 5 = 35$   
(a) Cybernetics

**[ P. T. O.**

- (b) Evidence based orthodontics
- (c) Transition phases of super elastic vs. thermoelastic NiTi
- (d) Hormonal control of growth
- (e) Role of saliva in corrosion

