

**Pre. Ph.D. Course Work (2017 Course) : (Orthodontics and
Dentofacial Orthopedics) : SUMMER - 2019**
**SUBJECT : PAPER – II : RECENT ADVANCES IN ORTHODONTICS AND
DENTOFACIAL ORTHOPEDICS**

Day : Wednesday
Date : 24/04/2019

Time : 10.00 AM TO 1.00 PM
Max. Marks : 100

S-2019-5330

N. B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

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- Q. 1** Classification of etiological factors of malocclusion. Discuss environment versus heredity as a factor of orthodontic problems. **(10)**
- Q. 2** Classification of cleft lip and palate. Discuss role of orthodontist in management of cleft lip and palate. **(10)**
- Q. 3** What is functional occlusion? Discuss various factors affecting centric relation. **(10)**
- Q. 4** Discuss the Orthodontic Triage. **(10)**
- Q. 5** Explain diagnosis and treatment planning for facial asymmetry in growing children. **(10)**
- Q. 6** Discuss adult development theories and their implications for clinical practice. **(10)**
- Q. 7** Discuss one phase versus two phase treatment in Evidence based Orthodontics. **(10)**
- Q. 8** Discuss the level anchorage system. Explain the modification of the system as applied in Tweed Merrified appliance. **(10)**
- Q. 9** Discuss the molecular and genetic basis for cleft lip and cleft palate. **(10)**
- Q.10** Discuss the cascade of events at a molecular level during biology of tooth movement. **(10)**

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