

2016 Scheme

QP Code: 413002

Reg. No.:

Final Year BDS (Part I) Degree Supplementary Examinations July 2023 Orthodontics and Dentofacial Orthopedics

Time: 3 Hours

Max Marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays

(2x10=20)

1. Classify and enumerate the diagnostic aids in orthodontics. Give a detailed description of extra oral examination.
2. A 9-year-old male patient was brought to your clinic by his mother with a complaint of protruding lower jaw. The profile was concave, lips incompetent with positive lip step. Intra oral picture showed a mixed dentition with a mesial step molar relation and a reverse overjet. Cephalometric analysis showed a SNA of 77 degrees and SNB of 82 degrees. What is your diagnosis. Write a note on treatment plan and elaborate on mechanotherapy.

Short notes

(4x5=20)

3. Cephalo caudal gradient of growth.
4. Enumerate the differences in clinical features of Angle's Class II Div 1 and Class II Div 2 malocclusion.
5. Enumerate the methods of gaining space. Add a note on therapeutic extraction.
6. A 12-year-old female patient was brought to your clinic by his mother with a complaint of flaring of upper anterior teeth with a midline spacing. Intra oral examination revealed a late mixed dentition stage with all teeth erupted except maxillary canines. OPG revealed erupting maxillary canines. What is your diagnosis. Give the probable aetiology and line of investigations management of the problem.

Brief notes

(10x3=30)

7. Endochondral bone formation.
8. Frankfurt horizontal plane.
9. Supernumerary and supplementary teeth.
10. Cervical Vertebrae Maturity Indicator (CVMI).
11. Translation of teeth.
12. Sved bite plane.
13. Austenitic stainless steel.
14. Baker's anchorage.
15. Begg's retainer.
16. Naso-Alveolar Moulding.
