

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

BDS FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: APRIL 2025

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 Hours

Max Marks: 70

Note: Answer all questions

Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark color pencil
Color pencil

Write an essay on the following:

2 X 9= 18

1. Write in detail about the composition and structure of enamel. (2+7)
2. Describe morphology of mandibular first permanent molar. Enumerate the differences between maxillary permanent first and second premolar. (7+2)

Write short note on the following:

8 X 4 =32

3. Age changes in pulp.
4. Cementoenamel junction.
5. Dorsum of the tongue.
6. Types of dentin.
7. Composition and functions of saliva.
8. Histology of Temporomandibular joint (TMJ).
9. Tooth numbering systems.
10. Compensatory curves.

Write briefly on the following:

10 X 2 =20

11. Incremental lines of salter.
12. Types of ridges.
13. Pharyngeal arches.
14. Sharpey's fibres.
15. Tomes process.
16. Osteoblast.
17. Name the tooth:51 and 43.
18. Stensen's duct.
19. Decalcifying agent.
20. Define shedding.
