

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

BDS FIRST YEAR DEGREE EXAMINATIONS: SEPTEMBER 2025

GENERAL ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Time: 3 Hours

Max Marks: 70

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

9 X 2 = 18

1. Describe the larynx under the following headings:
 - a. Cavity.
 - b. Actions of the intrinsic muscles.
 - c. Nerve supply.
 - d. Explain the anatomical basis of Injuries to the nerves supplying the larynx during thyroid surgeries. (2+2+2+3)
2. Describe the boundaries and contents of Digastric triangle of neck.

Write a short note on the following:

8 X 4 = 32

3. Development of Thyroid gland.
4. Medulla oblongata.
5. Name the muscles of mastication and its action and nerve supply.
6. Describe the Microscopic structure of thyroid gland.
7. Nasal septum.
8. Ansa cervicalis nerve.
9. Maxillary air sinus and the dental clinical importance.
10. Occipito frontalis muscle.

Write briefly on the following:

10 X 2 = 20

11. Draw a neat, labelled diagram of a Blastocyst.
12. Name the Nuclei of Cerebellum.
13. Name derivatives of second pharyngeal arch.
14. Structures passing through jugular foramina.
15. Oropharyngeal Isthmus.
16. Carotid sinus.
17. Blood supply to the palate.
18. Nerve supply to tongue.
19. Pretracheal fascia.
20. Orbicularis oris muscle.
