

I - BDS (2008 COURSE) : Summer 2022
SUBJECT : GENERAL HUMAN ANATOMY INCLUDING EMBRYOLOGY AND
HISTOLOGY

Day : Monday
Date : 9-1-2023

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 70

S-3799-2022

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full mark.
- 3) Draw neat labelled diagrams **WHEREVER** necessary.
- 4) Answer to both the sections should be written on **SEPARATE** answer books.

SECTION - I

Q.1 Describe the **parotid gland** under the following headings: capsules, surfaces (10)
and borders, relations, blood and nerve supply and applied anatomy

OR

Describe the muscles of the pharynx: origin, insertion, nerve supply, action,
structures passing between the muscles and applied anatomy

Q.2 Short essay questions (**ANY THREE**) (15)
a) Right atrium of the heart
b) Sternocleidomastoid muscle
c) Respiratory diaphragm
d) Classification of muscles

Q.3 Write short answer (**ANY FIVE**) (10)
a) Name muscles forming the modiolus on the face
b) Name the arteries supplying the scalp
c) Give the nerve supply and action of genioglossus muscle
d) Name the structures related to the medial/mediastinal surface of the right lung
e) Name tributaries of internal jugular vein
f) Name the differences between primary and secondary cartilaginous joints

SECTION - II

Q.4 Describe the facial nerve under the following headings: origin with functional (10)
components, intra cranial and extra cranial course, branches and distribution
and applied anatomy.....

OR

Describe the deep cervical fascia: parts, extent, attachments, thickenings,
applied anatomy.....

Q.5 Short essay questions (**ANY THREE**) (15)
a) Extra ocular muscles of the eye
b) Draw and explain the microscopic picture of prostate
c) Explain the embryogenesis of the tongue and correlate with its nerve supply
d) Down's syndrome

Q.6 Write short answer (**ANY FIVE**) (10)
a) Name prerequisites for implantation
b) Draw the microscopic picture of thyroid gland
c) Name any two characteristics and give two examples of X linked recessive disorders
d) Name and label a tertiary chorionic villus
e) Name the structures in the hilum of the liver
f) Name the infra hyoid strap muscles. Give their nerve supply

* * * * *