

**FIRST PROFESSIONAL B.H.M.S. EXAMINATION
HUMAN ANATOMY – PAPER 1
SUBJECT CODE: HOM UG - AN**

TIME: 3 HOURS

TOTAL MARKS: 100

Instructions:

- [1] Draw Diagrams Wherever Necessary.
[2] Figures to The Right Indicate Full Mark.
[3] All Questions Are Compulsory

Q – 1 Multiple Choice Questions.

10

- 1) Largest cell in the body is:
 - a) Ovum
 - b) Cuboidal cell
 - c) Columnar cell
 - d) Squamous cell
- 2) Largest artery in the body is:
 - a) Carotid artery
 - b) Brachial artery
 - c) Aorta
 - d) Femoral artery
- 3) Trapezius is not attached to:
 - a) 1st rib
 - b) Occiput
 - c) Scapula
 - d) Clavicle
- 4) Rotator cuff is formed by all except:
 - a) Subscapularis
 - b) Supraspinatus
 - c) Teres major
 - d) Infraspinatus
- 5) What is weight of placenta?
 - a) 1 kg
 - b) 100 gm
 - c) 500 gm
 - d) 1.5 kg
- 6) Duration of spermatogenesis is ____ days.
 - a) 16-18
 - b) 64-74
 - c) 50-55
 - d) 12-16
- 7) Nasolacrimal duct opens into:
 - a) Anterior part of inferior meatus
 - b) Inferior meatus
 - c) Vestibule of nose
 - d) Middle meatus
- 8) Which of the following muscle is safety muscle of larynx?
 - a) Lateral cricoarytenoid
 - b) Posterior cricoarytenoid
 - c) Oblique arytenoid
 - d) Transverse arytenoid
- 9) Pyramidal fibers mostly arise from broadmann's cortical area:
 - a) 3,1,2
 - b) 8
 - c) 4
 - d) 18
- 10) Which is not a cranial nerve?
 - a) Vagus
 - b) Phrenic
 - c) Optic
 - d) Glossopharyngeal

Q – 2 Short Answer Questions

40

- 1) Describe structure of DNA
- 2) Describe structure of skin
- 3) Describe structure of breast
- 4) Describe process of spermatogenesis
- 5) Describe structure and function of notochord
- 6) Describe applied anatomy of lacrimal apparatus
- 7) Surface, border and relations of parotid gland
- 8) Describe structures in T.S. of pons.

Q – 3 Long Answer Questions

50

- 1) Define **nerve plexus** and describe **brachial plexus** under following headings:
Root value, formation, branches and applied anatomy.
 - 2) Describe anatomy of **axillary artery** under following headings:
Origin, extent, parts, branches and applied anatomy.
 - 3) Describe anatomy of **middle ear cavity** under following headings:
Parts, boundaries, contents and applied anatomy.
 - 4) Describe anatomy of **thyroid gland** under following headings:
Location, external features, relations, blood and nerve supply.
 - 5) Describe anatomy of **cerebellum** under following headings:
Location, external features, divisions, and connections.
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