

**PARUL UNIVERSITY**  
**FACULTY OF MEDICAL SCIENCE & RESEARCH**  
**M.B.B.S Examination, August 2017**

Year: 1

Subject Code: 19100101

Subject Name: Anatomy Paper - I

Date: 02/08/2017

Time: 10:00 am to 12:30 pm

Total Marks: 50

**Instructions:**

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Draw diagrams wherever necessary.
4. Write section-A, section-B on separate answer sheets.

**SECTION – A**

- Q.1 Write short notes on explaining Anatomical/ Embryological basis of any two: (5 x 2) (10)**
- (a) Claw hand.
  - (b) Applied of scalp.
  - (c) Hydrocephalus.
- Q.2 (A)Write short notes on: (any three) (06)**
- (a) Dorsal interossei muscles.
  - (b) First carpo- metacarpal joint.
  - (c) Third part of axillary artery; relations and branches.
  - (d) Median nerve in forearm.
- Q.2 (B)Write short notes on: (any one) (03)**
- (a) Epiphysis.
  - (b) Anastomosis.
- Q.3 Write short notes on: (06)**
- (a) Chorionic villi. **OR** Derivatives of second pharyngeal arch.
  - (b) Development of face. **OR** Development of palate.

**SECTION – B**

- Q.1 Write short notes on: (any two) (10)**
- (a) Extraocular muscles.
  - (b) Nerve supply of tongue.
  - (c) Cavernous sinus.
- Q.2 (A)Write short notes on: (any three) (06)**
- (a) Red nucleus.
  - (b) Circle of Willis.
  - (c) Spinothalamic tract.
  - (d) Broca's area.
- Q.2 (B)Write short notes on: (any one) (04)**
- (a) Histology of thyroid gland.
  - (b) Histology of retina.
- Q.3 Answer in one word/sentence: (05)**
1. State the action of the middle fibers of the Deltoid muscle.
  2. What is the nerve supply of the Buccinator muscle?
  3. Name the terminal branches of external carotid artery.
  4. Name any two branches of posterior cord of brachial plexus.
  5. Write any two examples of commissural fibres of cerebrum.