

Seat No.: \_\_\_\_\_

Enrollment No. \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF MEDICINE**  
**M.B.B.S., July 2018 Examination**

Year: 1

Subject Code: 19100101

Subject Name: HUMAN ANATOMY - Anatomy - 1

Date: 23/07/2018

Time: 10:30 am to 1:00 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 and Section- C, on separate answer sheets.

**SECTION - A**

- Q.1 Write short notes on explaining Anatomical/ Embryological basis of any Two: (10)**
- (a) Kulmpke's Paralysis
  - (b) Applied Anatomy of Scalp
  - (c) Lateral medullary syndrome
- Q.2 (A) Write short notes on: (any Three) (06)**
- (a) Rotator Cuff muscles
  - (b) Anatomical Snuff Box
  - (c) Musculocutaneous nerve
  - (d) Contents of Cubital fossa
- Q.2 (B) Write short notes on: (any One) (03)**
- (a) Anastomoses
  - (b) Epiphysis

**SECTION - B**

- Q.3 Write short notes on: (06)**
- (a) Somites or Notochord
  - (b) Development of tongue
- OR**
- Derivatives of 2<sup>nd</sup> Pharyngeal arch
- Q.4 Write short notes on: (any Two) (10)**
- (a) Cavernous Sinus
  - (b) Otic ganglion
  - (c) Blood supply and relations of Thyroid gland

**SECTION - C**

- Q.5 (A) Write short notes on: (any Three) (06)**
- (a) Floor of 4<sup>th</sup> ventricle
  - (b) Motor areas of cerebrum
  - (c) Circle of Willis
  - (d) Corticospinal tracts
- Q.5 (B) Write short notes on: (any One) (04)**
- (a) Histology of Cerebellum
  - (b) Histology of Dorsal root ganglion
- Q.6 Answer in one word / sentence: (05)**
- (a) Name two structures passing through the quadrangular space of the back.
  - (b) Name the two branches of facial nerve in the facial canal of middle ear.
  - (c) Name the two structures that pierce Thyrohyoid membrane.
  - (d) What is the action of sternocleidomastoid muscle?
  - (e) What is Nucleus Ambiguus?

Seat No: \_\_\_\_\_

Enrollment No: \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF MEDICINE**  
**M.B.B.S, July - 2018 Examination**

**Year: 1**

**Subject Code: 19100102**

**Subject Name: HUMAN ANATOMY - Anatomy-II**

**Date: 25/07/2018**

**Time: 10:30am to 1:00pm**

**Total Marks: 50**

**Instructions:**

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

**SECTION – A**

- Q.1. Write short notes on explaining Anatomical/ Embryological basis of (any two) (10)**
- (a) Swellings in femoral triangle
  - (b) Myocardial infarction
  - (c) Prolapse of uterus
- Q.2. (A) Write short notes on: (any three) (06)**
- (a) Great Saphenous vein
  - (b) Adductor magnus muscle
  - (c) Ligaments of ankle joint
  - (d) Contents & boundaries of popliteal fossa
- Q.2 (B) Write short notes on: (any one) (03)**
- (a) Development of kidney
  - (b) Development of testis

**SECTION – B**

- Q.3 Write short notes on: (06)**
- (a) Classification of chromosomes **OR** Mendel's law of inheritance
  - (b) Down's syndrome **OR** Tubectomy
- Q.4 Write short notes on: (any two) (10)**
- (a) Portal vein
  - (b) Urinary bladder
  - (c) Right supra-renal gland

**SECTION – C**

- Q.5 (A) Write short notes on: (any three) (06)**
- (a) Coronary sinus
  - (b) Parietal pleura
  - (c) Interior of right atrium
  - (d) Contents of superior mediastinum
- Q.5 (B) Write short notes on: (any one) (04)**
- (a) Histology of liver
  - (b) Histology of ovary
- Q.6 Answer in one word/sentence: (05)**
- (a) What is the action of gluteus maximus?
  - (b) What is Mc Burney's point?
  - (c) Name any two structures forming stomach bed.
  - (d) Name any two tributaries of azygos vein.
  - (e) Name the nerve supply of pectineus muscle.