

### M. D. Examination

November / December - 2016

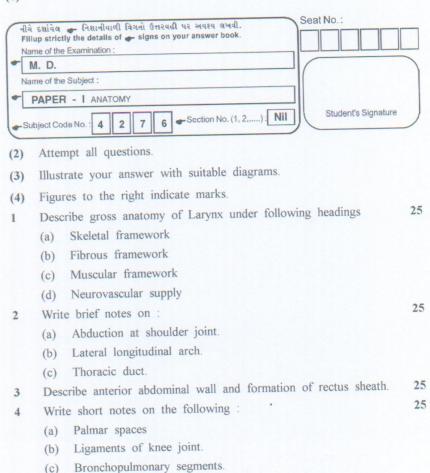
Anatomy: Paper - I (Gross Anatomy)

Time: 3 Hours]

[Total Marks: 100

#### **Instructions**:

(1





## M. D. Examination

November / December - 2016

Anatomy: Paper - II

(Embryology, Histology, Evolution, Histology Technique and History of Anatomy)

Time: 3 Hours] [Total Marks: 100 Instructions: (1) Seat No.: નીચે દર્શાવેલ 🧽 નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Filiup strictly the details of 👉 signs on your answer book. Name of the Examination: M. D. Name of the Subject : ANATOMY : PAPER - II Student's Signature - Section No. (1, 2,....): Nil -Subject Code No.: 2 7 Attempt all questions. (2) Illustrate your answer with suitable diagrams. (3) (4) Figures to the right indicate marks. Describe development of midgut alongwith developmental anomalies. 25 1 Describe short notes on the following: 2 (a) Microscopic structure of pituitary gland (b) Fertilization (c) B. D. Chaurasia 25 Describe varipus cell junctions in detail. 3 25 Write short notes on the following: 4 (a) Methods of Embalming

[ 50 ]

(b) Anatomical act



# M. D. Examination

November / December - 2016 Anatomy : Paper - III (Neuroanatomy)

Time: 3 Hours]

[Total Marks: 100

#### **Instructions**:

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-	M. D.	
Na	me of the Subject :	
-	PAPER - III ANATOMY	
SL	ubject Code No.: 4 2 7 8 - Section No. (1, 2,): Nil	Student's Signature
(2)	Attempt all questions.	
(3)	Illustrate your answer with suitable diagrams.	
(4)	Figures to the right indicate marks.	
1	Describe Visual pathway with applied aspect.	25
2	Describe short notes on the following:  (a) Fourth ventricle.  (b) Auditory area.  (c) Internal capsule	25
3	Describe anatomy of Thalamus with applied aspect.	25

Write short notes on the following:

(b) T. S. at the level of Inferior colliculus

(a) Circle of willis.

25



# M. D. Examination

November / December - 2016

Anatomy: Paper - IV

( Applied Anatomy, Radiological Anatomy, Recent Advances, Genetics, Physical Anthropology & Comparative Anatomy )

[Total Marks: 100 Time: 3 Hours] **Instructions**: Seat No.: નીચે દર્શાવેલ 🧽 નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Filiup strictly the details of 👉 signs on your answer book. Name of the Examination: M. D. Name of the Subject : PAPER - IV ANATOMY Student's Signature -Section No. (1, 2,....): Nil Subject Code No.: 4 2 7 Attempt all questions. (2) Illustrate your answer with suitable diagrams. (3) Figures to the right indicate marks. (4) Describe applied aspects and recent advances related to 25 1 coronary circulation. 25 Describe short notes on the following: 2 (a) Recombinant DNA (b) Positron Emission Tomography scan (c) Homosapiens 25 Write comparative anatomy of Circulatory system. 3 25 Write short notes on the following: (a) Role of anthropometry in Anatomy (b) Mutation.