

**V.N. SOUTH GUJARAT UNIVERSITY**  
**M.D. (ANATOMY) EXAMINATION**  
**SEPTEMBER-2009**  
**PAPER-I**  
**(GROSS ANATOMY & NEUROANATOMY)**

**Time: 3 hours**

**Marks: 100**

**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.
3. Draw diagram wherever necessary.

Q.1 Describe deep cervical fascia & it's applied aspects. 26

Q.2 Describe pathways involved in reading loudly. 26

Q.3 Write Short Notes on. 24

- a) Trigeminal Nuclei.
- b) Klumpke's paralysis.
- c) Abduction movement of Shoulder joint.

Q.4 Write Short Notes on. 24

- a) T.S. of Medulla Oblongata. at Olivary Nucleus.
- b) Horner's Syndrome

V.N. SOUTH GUJARAT UNIVERSITY  
M.D. (ANATOMY) EXAMINATION  
SEPTEMBER-2009  
PAPER-IV  
(ESSAY WRITING)

**Time: 3 hours**

**Marks: 100**

**Instructions:**

1. Figures to the right indicate marks.
  2. Draw diagram wherever necessary.
- Q. Write an Essay on **any one** of the following.
- a) Human chromosomes.
  - b) Connective Tissues.
  - c) Spinal Cord.

**V.N. SOUTH GUJARAT UNIVERSITY**  
**M.D. (ANATOMY) EXAMINATION**  
**SEPTEMBER-2009**  
**PAPER-II**  
**(GROSS ANATOMY & APPLIED ANATOMY)**

**Time:3 hours**

**Marks: 100**

**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.
3. Draw diagram wherever necessary.

**Q.1** Describe Bronchopulmonary segments of right lung and  
give its applied aspects.

26

**Q.2** Describe **Prostate** gland with its applied aspects.

26

**Q.3** Write Short Notes on.

24

- a) Ligaments of Liver.
- b) Mesentry of Intestine.
- c) Pseudopancreatic Cyst.

**Q.4** Write Short Notes on.

24

- a) Perforators and applied.
- b) Extravasation of urine.
- c) Ligaments of Hip Joint.

-----X-----

**V.N. SOUTH GUJARAT UNIVERSITY**  
**M.D. (ANATOMY) EXAMINATION**  
**SEPTEMBER-2009**  
**PAPER-III**

(Embryology, Histology, Genetics, Comparative Anatomy & Physical Anthropology)

**Time: 3 hours**

**Marks: 100**

**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.
3. Draw diagram wherever necessary.

- Q.1 Describe development of Kidney and give its anomalies. 26
- Q.2 Describe microscopic structure of Respiratory tract. 26
- Q.3 Write Short Notes on. 24
- a) Cloning.
  - b) Gregor Mendel.
  - c) Histology of Cerebrum.
- Q.4 Write Short Notes on. 24
- a) Precautions at Embalming.
  - b) Cranial indices.
  - c) Histology of Thymus.

V.N.SOUTH GUJARAT UNIVERSITY  
M.D (ANATOMY) EXAMINATION

APRIL-2011

PAPER-III

(Embryology, Histology, Genetics, Comparative anatomy and Physical anthropology)

**Time: 3 Hours**

**Marks: 100**

**Instructions:**

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

Q.1 Describe the microscopic structure development and congenital anomalies of testis. 26

Q.2 Describe the various anomalies of the heart. 26

Q.3 Write Short Notes on 24

- a) Organ of Corti
- b) Stem cells
- c) Microscopic structure of spleen and splenic circulation

Q.4 Write Short Notes on 24

- a) Pelvimetry
- b) Twins
- c) Fossil evidences in man

V.N.SOUTH GUJARAT UNIVERSITY  
M.D (ANATOMY) EXAMINATION  
APRIL-2011  
PAPER-IV  
(ESSAY WRITING)

**Time: 3 Hours**

**Marks: 100**

**Instructions:**

1. Figures to the right indicate full marks
2. Draw diagram wherever necessary

Q. Write an Essay on **any one** of the following:

- a) Cell organelles and cell junctions
- b) Placenta
- c) Vertebral column

**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

**M.S.Branch II (ANATOMY) Examination-2010**

**Day & Date :** Tuesday, 16th March, 2010

**Time:**3.00pm to 6:00pm

**ANATOMY-PAPER-I**

**GROSS ANATOMY & APPLIED ANATOMY**

- Notes: (1) Draw diagrams whenever necessary.  
(2) Each question carries equal marks.

Maximum Marks : 100

1. Describe sphincters of human body. [25]
2. Describe deep cervical fascia of neck with applied aspects. [25]
3. Write notes on: [25]
  - (a) Lymphatic drainage of Lower Limb [9]
  - (b) Hepatic segments [8]
  - (c) Thoracic sympathetic chain [8]
4. Write notes on : [25]
  - (a) Atrio ventricular valves [9]
  - (b) Contents of Middle Ear [8]
  - (c) Spaces of Hand [8]

**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

**M.S.Branch II (ANATOMY) Examination-2010**

Day & Date: Saturday 20<sup>th</sup> March 2010 Time: 3-00pm to 6.00pm

**ANATOMY-PAPER-IV**

**HISTOLOGY, COM. ANATOMY, HISTORY & RECENT  
ADVANCES**

- Notes: (1) Draw diagrams whenever necessary.  
(2) Each question carries equal marks.

Maximum Marks : 100

1. Describe connective tissue in detail. [25]
2. Write notes on: [25]
- (a) Comparative anatomy of Digestive system. [9]
  - (b) Histology of Internal ear [8]
  - (c) Histology of Epididymis. [8]
3. write notes on: [25]
- (a) Henry Gray [9]
  - (b) Histology of Skin [8]
  - (c) Pelvimetry [8]
4. Write notes on : [25]
- (a) Telemedicine [13]
  - (b) Plastination [12]



**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

**M.S.Branch II (ANATOMY) Examination-2010**

Day & Date: Wednesday 18<sup>th</sup> March 2010      Time: 3.00pm to 6.00pm

**ANATOMY-PAPER-II**

**NEURO ANATOMY & SPECIAL SENSES**

- Notes: (1) Draw diagrams whenever necessary.  
(2) Each question carries equal marks.

Maximum Marks : 100

1. Describe General Visceral Efferent Nuclei of Brain. [25]
2. Describe functional and applied aspects of frontal lobe of cerebrum. [25]
3. Write notes on: [25]
  - (a) Reticular formation [13]
  - (b) Retina [12]
4. Write notes on : [25]
  - (a) Ventral Spinal Grey Matter [9]
  - (b) Amygdaloid Body [8]
  - (c) Sagittal section of Brain [8]

(9)

**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

**M.S.Branch II (ANATOMY) Examination-2010**

**Day & Date :** Friday, 19th March, 2010

**Time:** 3-00pm 6-00p.m

**ANATOMY-PAPER-III**

**EMBRYOLOGY, GENETICS & EVOLUTION**

- Notes: (1) Draw diagrams whenever necessary.  
(2) Each question carries equal marks.

Maximum Marks : 100

1. Describe development of gonads with congenital anomalies. [25]

2. Write notes on: [25]

- (a) Classification of Placenta. [9]
- (b) Spina bifida (Ⓣ) [8]
- (c) Development of Portal vein [8]

3. write notes on: [25]

- (a) Banding Technique [9]
- (b) Structural anomalies of chromosomes [8]
- (c) Genetic importance of Meiosis [8]

4. Write notes on : [25]

- (a) Australopithecus [13]
- (b) Mesonephric duct [12]

V.N.SOUTH GUJARAT UNIVERSITY  
M.D (ANATOMY) EXAMINATION  
APRIL-2011  
PAPER-II  
(GROSS ANATOMY & APPLIED ANATOMY)

**Time: 3 Hours**

**Marks: 100**

**Instructions:**

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

- Q.1 Describe the pleura. Add a note on its applied anatomy. . . . . 26
- Q.2 Describe the interior of rectum and anal canal. Add a note on its applied anatomy . . . . . 26
- Q.3 Write Short Notes on . . . . . 24
- a) Sub phrenic spaces of liver and its applied anatomy
  - b) Inguinal canal and its applied anatomy
  - c) Paraduodenal recesses
- Q.4 Write Short Notes on . . . . . 24
- a) Movements of knee joint \
  - b) Walking cycle
  - c) Sinuses of pericardium )

V.N.SOUTH GUJARAT UNIVERSITY  
M.D (ANATOMY) EXAMINATION  
OCTOBER-2011  
PAPER-III

(Embryology, Histology, Genetics, Comparative Anatomy and Physical Anthropology)

Marks: 100

Time: 3 Hours

Instructions:

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

Q.1 Describe the microscopic anatomy of the liver with special reference to its lobular pattern. Add a note on its development. 26

Q.2 Describe the development of human kidneys. Add a note on the developmental anomalies of the kidney. 26

Q.3 Write Short Notes on 24

- a) Spina bifida
- b) Umbilical cord centesis
- c) Evolution of heart

Q.4 Write Short Notes on 24

- a) Microscopic structure of pituitary gland
- b) Fate of aortic arches
- c) Cranial indices

V.N.SOUTH GUJARAT UNIVERSITY  
M.D (ANATOMY) EXAMINATION  
OCTOBER-2011  
PAPER-IV  
(ESSAY WRITING)

**Time: 3 Hours**

**Marks: 100**

**Instructions:**

1. Figures to the right indicate full marks
2. Draw diagram wherever necessary

Q. Write an Essay on **any one** of the following:

- a) Joints *- 7-11-2011*
- b) Autonomic Nervous system *- 7-234*
- c) Embalming

**V.N.SOUTH GUJARAT UNIVERSITY**  
**M.D (ANATOMY) EXAMINATION**  
**OCTOBER-2011**  
**PAPER-II**  
**(GROSS ANATOMY & APPLIED ANATOMY)**

**Time: 3 Hours**

**Marks: 100**

**Instructions:**

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

- ✓ **Q.1** Describe in brief the anterior abdominal wall. Mention rationale of various incisions. 26
- ✓ **Q.2** Classify the supports of Uterus. Describe the supports of uterus in detail. 26
- Q.3** Write Short Notes on 24
- ✓ a) Portocaval anastomosis
  - ✓ b) Coverings of Kidney
  - ✓ c) Superior Mesenteric Artery
- Q.4** Write Short Notes on Any Two 24
- a) Typical intercostal space (P)
  - ✓ b) Venous drainage of leg and varicose veins
  - ✓ c) Mid palmar spaces

V.N.SOUTH GUJARAT UNIVERSITY  
M.D (ANATOMY) EXAMINATION  
OCTOBER-2011  
PAPER-I  
(GROSS ANATOMY & NEUROANATOMY)

Time: 3 Hours

Marks: 100

Instructions:

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

✓ Q.1 Describe the coverings of Brain. Add a note on applied anatomy. 26

✓ Q.2 Describe the gross anatomy of Larynx. Add a note on the movements of vocal cords during phonation. 26

Q.3 Write Short Notes on 24

- ✓ a) 1st Carpo-Metacarpal joint
- ✓ b) Extraocular muscles of eyeball
- ✓ c) Otic ganglion

Q.4 Write Short Notes on Any Two 24

- ✓ a) Fourth ventricle
  - b) Frey's syndrome
  - ✓ c) Hypothalamus
-

V.N.SOUTH GUJARAT UNIVERSITY  
M.D (ANATOMY) EXAMINATION  
APRIL-2011  
PAPER-I  
(GROSS ANATOMY & NEUROANATOMY)

**Time: 3 Hours**

**Marks: 100**

**Instructions:**

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

Q.1 Describe the gross anatomy of middle ear cavity and its applied anatomy. 26

Q.2 Describe the thalamus, its nuclei, connections and blood supply. 26

Q.3 Write Short Notes on 24

- a) Rotator cuff
- b) Internal capsule
- c) Lateral wall of nose

Q.4 Write Short Notes on 24

- a) T.S. of midbrain at superior colliculus
- b) Ciliary ganglion
- c) Limbic system



Q.1 DESCRIBE THE GROSS ANATOMY OF (26)  
THE LARYNX AND ITS APPLIED ANATOMY

(F) D-30h

Q.2 DESCRIBE THE CEREBELLUM, ITS  
NUCLEI, CONNECTIONS AND BLOOD  
SUPPLY (26)

(F) V-111  
D-159

Q.3 WRITE SHORT NOTES ON (24)

a) CUBITAL FOSSA (F) C-92

b) A STYLOID APPARATUS (F) E-194

c) FACIAL ARTERY (F) C-61

Q.4 WRITE SHORT NOTES ON (24)

(F) V-122

a) FLOOR OF FOURTH VENTRICLE

(F) V-155  
b) CAUDATE NUCLEUS

c) CIRCLE OF WILLIS (F) V-173

Q.1 DESCRIBE THE GROSS ANATOMY OF (20)  
THE INTERCOSTAL SPACES AND  
THEIR APPLIED ANATOMY (F) 21 → D  
C-212

Q.2 DESCRIBE THE GROSS ANATOMY (20)  
OF THE UTERUS AND ITS  
APPLIED ANATOMY (F) 359 → D

Q.3 WRITE SHORT NOTES ON (24)

a) LESSER SAC (F) D-263

b) PUDENDAL CANAL (F) D-176

c) CAECUM (F) D-216

Q.4 WRITE NOTES ON (24)

a) THORACIC DUCT (F) D-103

b) MEDIAL LONGITUDINAL  
ARCH OF THE FOOT (F)

c) FEMORAL TRIANGLE (F) D-166  
C-51

Q.1 DESCRIBE THE DEVELOPMENT OF (26)  
THE KIDNEYS AND THEIR CONGENITAL  
ANOMALIE

Q.2 DESCRIBE MICROSCOPIC ANATOMY (26)  
OF THE LUNG

Q.3 WRITE SHORT NOTES ON (24)

- a) HISTOLOGY OF CEREBELLUM
- b) PRENATAL DIAGNOSIS
- c) LOOSE AREOLAR TISSUE

Q.4 WRITE SHORT NOTES ON (24)

- a) CRANIOMETRY
- b) EVOLUTION OF TRECT POSTURE
- c) ROTATION OF THE MIDGUT

M.D. (ANATOMY) Examination March / April \*  
October

PAPER - IV

ESSAY WRITING (Subject)  
(Old or New to be mentioned where necessary)

\_\_\_\_\_ \* \_\_\_\_\_ \* \_\_\_\_\_ \* \_\_\_\_\_ a.m. \_\_\_\_\_ a.m.  
\_\_\_\_\_ Day \_\_\_\_\_ Time : \_\_\_\_\_ p.m. \_\_\_\_\_ p.m.

સુચના :

Instructions:

- (૧) ALL QUESTIONS ARE COMPULSORY
- (૨) FIGURES. TO THE RIGHT INDICATE FULL MARKS
- (૩) DRAW DIAGRAMS WHEREVER NECESSARY.
- (૪)
- (૫)

N.B. : Gujarati version of a question and its option to be written first English Version of each question should follow the Gujarati Version of each question.

Q. WRITE AN ESSAY ON ANY ONE

OF THE FOLLOWING (100)

- a) SKELETAL MUSCLES (E) <sup>at</sup> chapter (V)
- b) TEACHING AND LEARNING METHODS
- c) CHROMOSOMAL ABERRATIONS

\* To be filled by the Press.

Note: Full Marks of each question to be indicated in a circle at the right end of the first time of each question e.g.(10)

Q.1 DESCRIBE THE GROSS ANATOMY OF (26)  
THE LARYNX AND ITS APPLIED ANATOMY

Q.2 DESCRIBE THE CEREBELLUM, ITS  
NUCLEI, CONNECTIONS AND BLOOD  
SUPPLY (26)

Q.3 WRITE SHORT NOTES ON (24)

- a) CUBITAL FOSSA
- b) STYLOID APPARATUS -
- c) FACIAL ARTERY -

Q.4 WRITE SHORT NOTES ON (24)

- a) FLOOR OF FOURTH VENTRICLE
- b) CAUDATE NUCLEUS
- c) CIRCLE OF WILLIS

**V.N.SOUTH GUJARAT UNIVERSITY**  
**M.D (ANATOMY) EXAMINATION**  
**APRIL-2013**  
**PAPER-I**  
**(GROSS ANATOMY & NEUROANATOMY)**

**Time: 3 Hours**

**Marks: 100**

Instructions:

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

- Q.1 Describe the Limbic System. 26
- Q.2 Describe the anatomy of Internal ear.  
Add a note on its applied anatomy 26
- Q.3 Write Short Notes on 24
- a) Lesions of brachial plexus
  - b) Blood supply of brain
  - c) Nasal septum
- Q.4 Write Short Notes on 24
- a) Brocas and Wernickes speech areas
  - b) Pupillary reflexes
  - c) Pterygopalatine ganglion

**V.N.SOUTH GUJARAT UNIVERSITY**  
**M.D (ANATOMY) EXAMINATION**  
**APRIL-2013**  
**PAPER-II**  
**(GROSS ANATOMY & APPLIED ANATOMY)**

**Time: 3 Hours**

**Marks: 100**

Instructions:

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

Q.1 Describe the typical intercostal space. Add a note on its applied anatomy. 26

Q.2 Describe the gross anatomy of pancreas. Add a note on its development and its applied anatomy. 26

Q.3 Write Short Notes on 24

- a) Inversion and eversion of foot
- b) Interior of right ventricle
- c) Superficial perineal pouch

Q.4 Write Short Notes on 24

- a) Bursae around knee joint
- b) Ischiorectal fossa
- c) Blood supply and lymphatic drainage of stomach

**V.N.SOUTH GUJARAT UNIVERSITY**  
**M.D (ANATOMY) EXAMINATION**  
**APRIL-2013**  
**PAPER-III**

**(Embryology, Histology, Genetics, Comparative anatomy and Physical anthropology)**

**Time: 3 Hours**

**Marks: 100**

Instructions:

1. All questions are compulsory
2. Figures to the right indicate full marks
3. Draw diagram wherever necessary

Q.1 Describe the histology of derivatives of foregut and correlate its structure with functions. 26

Q.2 Describe in detail development, derivatives and anomalies of endodermal cloaca. 26

Q.3 Write Short Notes on 24

- a) Folding of embryo
- b) Microscopic structure of sclera corneal junction
- c) P E T

Q.4 Write Short Notes on 24

- a) Vesalius
- b) Translocation
- c) Craniometry



**V.N.SOUTH GUJARAT UNIVERSITY**  
**M.D (ANATOMY) EXAMINATION**  
**APRIL-2013**  
**PAPER-IV**  
**(ESSAY WRITING)**

**Time: 3 Hours**

**Marks: 100**

Instructions:

1. Figures to the right indicate full marks
2. Draw diagram wherever necessary

Q. Write an Essay on **any one** of the following:

- a) Fascial spaces in body
- b) Muscle
- c) Non invasive radiological investigative techniques and its role in teaching anatomy