

M.B.B.S DEGREE EXAMINATION

July - 2019

**First M.B.B.S Examination
ANATOMY
PAPER-I****K N R U H S****M.B.B.S DEGREE EXAMINATION**

July - 2019

**First M.B.B.S Examination
ANATOMY
PAPER-II****Time: 2½ Hours****Note : Answer all questions : Illustrate your answer with suitable diagrams.****I. ANSWER THE FOLLOWING QUESTIONS $2 \times 10 = 20$** **1. Describe the Brachial Plexus under the following headings:**

$$[3 + 2 + 3 + 2 = 10]$$

- (a) Formation
- (b) Parts (roots, trunks and cords)
- (c) Branches
- (d) Applied anatomy

*BD Chaurasia (8th Edn)(Vol-1): 59 | Gray's Anatomy (3rd Edn): 738 | Vishram Singh (3rd Edn) (Vol-1): 52
Define and name layers of scalp. Give its blood supply, nerve supply and applied anatomy*

BD Chaurasia (8th Edn)(Vol-3): 63-67 | Gray's Anatomy (3rd Edn): 922, 925 | Vishram Singh (3rd Edn) (Vol-1): 47

10] II. WRITE SHORT NOTE ON

3. Internal capsule

BD Chaurasia (8th Edn)(Vol-4): 162 | Vishram Singh (3rd Edn) (Vol-3): 391 | Neuro Anatomy (3rd Edn): 162

4. Mid palmar spaces

BD Chaurasia (8th Edn)(Vol-1): 141 | Vishram Singh (3rd Edn) (Vol-1): 146

5. Carotid sheath

BD Chaurasia (8th Edn)(Vol-3): 90 | Gray's Anatomy (3rd Edn): 1002 | Vishram Singh (3rd Edn) (Vol-3): 75

6. Blastocyst

Inderbir Singh (Embryology) (11th Edn): 53

7. Histology of compact bone

Inderbir Singh (Histology) (9th Edn): 71 | Difore's (12th Edn): 122

II. WRITE BRIEFLY ON

8. Little's area

BD Chaurasia (8th Edn)(Vol-3): 275 | Vishram Singh (3rd Edn) (Vol-3): 256

9. Radial groove

BD Chaurasia (8th Edn)(Vol-1): 107 | Gray's Anatomy (3rd Edn): 761 | Vishram Singh (3rd Edn) (Vol-1): 167

10. Retromandibular vein

BD Chaurasia (8th Edn)(Vol-3): 66

11. Lumbicals

BD Chaurasia (8th Edn)(Vol-1): 130, 131 | Gray's Anatomy (3rd Edn): 810 | Vishram Singh (3rd Edn) (Vol-1): 140

12. Name the muscles of mastication and its nerve supply

BD Chaurasia (8th Edn)(Vol-3): 124 | Gray's Anatomy (3rd Edn): 977 | Vishram Singh (Vol-3): 145

Max. Marks: 50**I. ANSWER THE FOLLOWING QUESTIONS**

**1. Describe the Hip Joint under the following headings
[1 + 1 + 2 + 3 + 1 + 2 = 10]**

- (a) Formation
- (b) Parts (roots, trunks and cords)
- (c) Branches
- (d) Applied anatomy

*BD Chaurasia (8th Edn)(Vol-1): 52 | Gray's Anatomy (3rd Edn): 738 | Vishram Singh (3rd Edn) (Vol-1): 375
Describe Blood supply of Heart and its applied aspects.*

BD Chaurasia (8th Edn)(Vol-1): 298 | Gray's Anatomy (3rd Edn): 198 | Vishram Singh (3rd Edn) (Vol-1): 274

[5 × 4 = 20]

II. WRITE SHORT NOTE ON

3. Popliteal fossa

BD Chaurasia (8th Edn)(Vol-2): 87, 89 | Gray's Anatomy (3rd Edn): 537, 616, 617 | Vishram Singh (3rd Edn) (Vol-2): 369

Spermatic cord

BD Chaurasia (8th Edn)(Vol-2): 250 | Gray's Anatomy (3rd Edn): 297 | Vishram Singh (3rd Edn) (Vol-2): 48

Bronchopulmonary segments of Lung

BD Chaurasia (8th Edn)(Vol-1): 270 | Gray's Anatomy (3rd Edn): 173 | Vishram Singh (3rd Edn) (Vol-1): 245

Histology of liver

BD Chaurasia (8th Edn)(Vol-2): 361, 362 | Vishram Singh (3rd Edn) (Vol-1): 114

Barr body

Inderbir Singh's Embryology (11th Edn): 14

III. WRITE BRIEFLY ON

8. Ilio-tibial tract

BD Chaurasia (8th Edn)(Vol-2): 49 | Gray's Anatomy (3rd Edn): 57 | Vishram Singh (3rd Edn) (Vol-2): 370

9. Major openings of diaphragm

BD Chaurasia (8th Edn)(Vol-1): 216 | Gray's Anatomy (3rd Edn): 130 | Vishram Singh (3rd Edn) (Vol-1): 192

Name the branches of femoral artery

BD Chaurasia (8th Edn)(Vol-2): 55 | Gray's Anatomy (3rd Edn): 566 | Vishram Singh (3rd Edn) (Vol-2): 338

11. Development of pancreas

Inderbir Singh's Embryology (11th Edn): 190-198

12. Mc Burney's point and it applied importance

BD Chaurasia (8th Edn)(Vol-2): 318

M.B.B.S DEGREE EXAMINATION

October/November - 2018

First M.B.B.S Examination**ANATOMY****PAPER-I****Time: 2½ Hours****ANSWER THE FOLLOWING QUESTIONS**

- I. **2 × 10 = 20**
 1. Describe the ulnar nerve under the following headings
 $[2 + 3 + 3 + 2 = 10]$

(a) Origin and course.

(b) Relations.

(c) Branches and distribution.

(d) Applied anatomy.

BD Chaurasia (8th Edn)/(Vol-1) : 54-58 | Gray's Anatomy (3rd Edn) : 733 | Vishram Singh (3rd Edn) (Vol-1) : 172

2. Describe the thyroid gland under the following headings
 $[3 + 2 + 3 + 2 = 10]$

(a) Features and relations.

(b) Capsules covering the gland.

(c) Blood supply.

(d) Development and surgical anatomy.

BD Chaurasia (8th Edn)/(Vol-3) : 153-159 | Gray's Anatomy (3rd Edn) : 1017, 1021, 1019 | Vishram Singh (3rd Edn) (Vol-3) : 155**WRITE SHORT NOTE ON**

- III. **5 × 4 = 20**
 3. Sulci, gyri and functional areas of cerebral cortex.
 $[5 × 4 = 20]$

Gray's Anatomy (3rd Edn) : 879 | Vishram Singh (3rd Edn) (Vol-3) : 352BD Chaurasia (8th Edn)/(Vol-3) : 314 | Gray's Anatomy (3rd Edn) : 958 | Vishram Singh (3rd Edn) (Vol-3) : 270

Development and anomalies of palate.

Inderbir Singh's Embryology (11th Edn) : 161

Axillary vein.

BD Chaurasia (8th Edn)/(Vol-1) : 79 | Gray's Anatomy (3rd Edn) : 719 | Vishram Singh (3rd Edn) (Vol-1) : 68

Interior of larynx.

BD Chaurasia (8th Edn)/(Vol-3) : 290 | Gray's Anatomy (3rd Edn) : 1035 | Vishram Singh (3rd Edn) (Vol-3) : 222**WRITE BRIEFLY ON**

- III. **5 × 2 = 10**
 8. Implantation.
 $[5 × 2 = 10]$

Inderbir Singh's Embryology (11th Edn) : 74

Histology of lymph node.

Inderbir Singh's Histology (9th Edn) : 101 | Difores (12th Edn) : 238, 239

Layers of retina.

Inderbir Singh's Histology (9th Edn) : 312 | Difores (12th Edn) : 559, 577

Ligamentum denticulatum

BD Chaurasia (8th Edn)/(Vol-3) : 190 | Gray's Anatomy (3rd Edn) : 104 | Vishram Singh (3rd Edn) (Vol-3) : 303

Fibrous joints.

BD Chaurasia (8th Edn)/(Vol-2) : 266 | Gray's Anatomy (3rd Edn) : 470 | Vishram Singh (3rd Edn) (Vol-2) : 67

- III. **5 × 2 = 10**
 9. Histology of pericardium.

G.P. Pal (3rd Edn) : 27 | S.D. Gangane (3rd Edn) : 19-25

Sinuses of pericardium.

BD Chaurasia (8th Edn)/(Vol-1) : 302 | Gray's Anatomy (3rd Edn) : 199 | Vishram Singh (3rd Edn) (Vol-1) : 235

Development of urinary bladder.

BD Chaurasia (8th Edn)/(Vol-2) : 442 | Gray's Anatomy (3rd Edn) : 463 | Vishram Singh (3rd Edn) (Vol-2) : 238

Descent of testis.

- III. **5 × 2 = 10**
 10. Layers of retina.

BD Chaurasia (8th Edn)/(Vol-3) : 190 | Gray's Anatomy (3rd Edn) : 104 | Vishram Singh (3rd Edn) (Vol-3) : 303

- III. **5 × 2 = 10**
 11. Ligamentum denticulatum

BD Chaurasia (8th Edn)/(Vol-2) : 266 | Gray's Anatomy (3rd Edn) : 470 | Vishram Singh (3rd Edn) (Vol-2) : 67**Note : Answer all questions : Illustrate your answer with suitable diagrams.****Max. Marks: 50****2 × 10 = 20****2 + 2 + 4 + 2 = 10****2 + 3 + 3 + 2 = 10****2 × 10 = 20****2 + 2 + 4 + 2 = 10****2 + 3 + 2 = 10****ANSWER THE FOLLOWING QUESTIONS****2 × 10 = 20****2 + 2 + 4 + 2 = 10****2 + 3 + 2 = 10****ANSWER THE FOLLOWING QUESTIONS****2 × 10 = 20****2 + 2 + 4 + 2 = 10****2 + 3 + 2 = 10****ANSWER THE FOLLOWING QUESTIONS****2 × 10 = 20****2 + 2 + 4 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10****2 + 3 + 2 = 10**

M.B.B.S DEGREE EXAMINATION

August - 2018

First M.B.B.S Examination

ANATOMY

PAPER - I

Time: 2½ Hours

Note : Answer all questions : Illustrate your answer with suitable diagrams.

1. Describe the posterior triangle of neck under following headings [3 + 1 + 4 + 2 = 10]

- (a) Boundaries (b) Parts
- (c) Contents (d) Applied anatomy

BD Chaurasia (8th Edn) (Vol-3) : 93-97 | Gray's Anatomy (3rd Edn): 1000 | Vishram Singh (3rd Edn): 81

2. Describe the internal capsule under following headings [2 + 3 + 3 + 2 = 10]

- (a) Parts (b) Tracts passing through
- (c) Blood supply (d) Applied anatomy

BD Chaurasia (8th Edn) (Vol-3) : 162 | Vishram Singh (3rd Edn): 391 | Neuroanatomy Vishram Singh (3rd Edn): 162

WRITE SHORT NOTE ON

3. Boundaries and contents of quadrangular space

BD Chaurasia (8th Edn) (Vol-1) : 78 | Gray's Anatomy (3rd Edn): 718 | Vishram Singh (3rd Edn): 67

4. Nasal septum

BD Chaurasia (8th Edn) (Vol-3) : 273 | Gray's Anatomy (3rd Edn): 1076 | Vishram Singh (3rd Edn): 256

5. Cavernous sinus

BD Chaurasia (8th Edn) (Vol-3) : 216 | Gray's Anatomy (3rd Edn): 886 | Vishram Singh (3rd Edn): 325

6. Microscopic structure of elastic artery

Vishram Singh (3rd Edn): 141 | General Anatomy Histology I.B Singh (2nd Edn) : 130

7. Chorionic villi

Embriology I.B Singh (11th Edn) : 79

WRITE BRIEFLY ON

8. ERB's point

BD Chaurasia (8th Edn) (Vol-1) : 62 | Vishram Singh (3rd Edn): 54

9. Rotator cuff

BD Chaurasia (8th Edn) (Vol-1) : 78 | Gray's Anatomy (3rd Edn): 692 | Vishram Singh (3rd Edn): 65

10. Blood supply of palatine tonsil

BD Chaurasia (8th Edn) (Vol-3) : 259 | Gray's Anatomy (3rd Edn): 1044 | Vishram Singh (3rd Edn): 212

11. Structures passing through parotid gland

BD Chaurasia (8th Edn) (Vol-3) : 114 | Gray's Anatomy (3rd Edn): 911 | Vishram Singh (3rd Edn): 111

12. Throat muscles

BD Chaurasia (8th Edn) (Vol-1) : 127 | Gray's Anatomy (3rd Edn): 809-810

Gray's Anatomy (3rd Edn) : 312-324 | Vishram Singh (3rd Edn): 145

M.B.B.S DEGREE EXAMINATION

August - 2018

First M.B.B.S Examination

ANATOMY

PAPER - II

Max. Marks: 50

1. Describe the sciatic nerve under the following headings [2 + 3 + 3 + 2 = 10]

- (a) Formation (b) Course and Relations
- (c) Branches (d) Applied Anatomy

BD Chaurasia (8th Edn) (Vol-2) : 99 | Gray's Anatomy (3rd Edn): 565 | Vishram Singh (3rd Edn): 365

2. Describe the pancreas under the following headings. [5 + 3 + 2 = 10]

- (a) Gross Anatomy (b) Development
- (c) Applied Anatomy

BD Chaurasia (8th Edn) (Vol-2) : 349 | Gray's Anatomy (3rd Edn): 333 | Vishram Singh (3rd Edn): 127

WRITE SHORT NOTE ON

3. Down's syndrome

G.P Pal (3rd Edn): 66 | S.D Gangane (5th Edn): 75-78

4. Blood supply of a long bone

BD Chaurasia (5th Edn): 67 | Vishram Singh (General Anatomy): 71

5. Superior mediastinum

BD Chaurasia (8th Edn) (Vol-1) : 278 | Gray's Anatomy (3rd Edn): 210 | Vishram Singh (3rd Edn): 251

6. Arch of Aorta

BD Chaurasia (8th Edn) (Vol-1) : 312 | Gray's Anatomy (3rd Edn): 215 | Vishram Singh (3rd Edn): 286

7. Histology of Supra-Renal Gland

BD Chaurasia (8th Edn) (Vol-2) : 382 | Histology I.B Singh (11th Edn): 259 | Histology DiFiore's (12th Edn): 471

WRITE BRIEFLY ON

8. Lesser omentum

BD Chaurasia (8th Edn) (Vol-2) : 276 | Gray's Anatomy (3rd Edn): 294 | Vishram Singh (3rd Edn): 77

9. Development of Interatrial septum

Embryology Inder Bir Singh (11th Edn): 233

5 × 2 = 10

10. Foot drop

BD Chaurasia (8th Edn) (Vol-2) : 93 | Gray's Anatomy (3rd Edn): 633 | Vishram Singh (3rd Edn): 470

11. Sartorius muscle

BD Chaurasia (8th Edn) (Vol-2) : 62 | Gray's Anatomy (3rd Edn): 593 | Vishram Singh (3rd Edn): 322

12. Difference between large intestine and small intestine.

M.B.B.S DEGREE EXAMINATION

July - 2018

**First M.B.B.S Examination
ANATOMY
PAPER-I****N T R U H S****M.B.B.S DEGREE EXAMINATION**

July - 2018

**First M.B.B.S Examination
ANATOMY
PAPER-II****Time: 2½ Hours****Note : Answer all questions : Illustrate your answer with suitable diagrams.**

- 1. Describe the cubital fossa under the following headings:**

[3 + 4 = 10]

- (a) Boundaries (b) Contents
- (c) Applied anatomy

BD Chaurasia (8th Edn): 103 (Vol-1) | Gray's Anatomy (3rd Edn): 822 | Vishram Singh (3rd Edn): 97 (Vol-1)

- 2. Describe the meninges of the brain. And a note on the circulation of cerebro-spinal fluid.**

*BD Chaurasia (7th Edn): 19 (Vol-4) | Gray's Anatomy (3rd Edn): 873, 878 | Vishram Singh (3rd Edn): 287, 338***WRITE SHORT NOTE ON**

- 3. Parotid duct**

BD Chaurasia (8th Edn): 119 (Vol-3) | Gray's Anatomy (3rd Edn): 913 | Vishram Singh (3rd Edn): 115 (Vol-3)

- 4. Development of palate**

BD Chaurasia (7th Edn): 230 (Vol-3) | Gray's Anatomy (3rd Edn): 861 | Vishram Singh (3rd Edn): 210 (Vol-3)

- 5. Corpus callosum**

BD Chaurasia (8th Edn): 160 (Vol-4) | Vishram Singh (3rd Edn): 160 (Neuro Anatomy)

- 6. Histology of bone**

Gray's Anatomy (3rd Edn): 13 | Vishram Singh (3rd Edn): 66 (General Anatomy) Histology I.B Singh (9th Edn): 67

- 7. Carpal tunnel syndrome**

*BD Chaurasia (8th Edn): 139, 201 (Vol-1) | Gray's Anatomy (3rd Edn): 798, 831 | Vishram Singh (3rd Edn): 28 (Vol-3)***WRITE BRIEFLY ON**

- 8. Facial vein**

BD Chaurasia (8th Edn): 70 (Vol-1) | Gray's Anatomy (3rd Edn): 919, 991 | Vishram Singh (3rd Edn): 60 (Vol-3)

- 9. Nerve supply of anterior two thirds of tongue**

BD Chaurasia (8th Edn): 303 (Vol-3) | Gray's Anatomy (3rd Edn): 1100 | Vishram Singh (3rd Edn): 195 (Vol-3)

- 10. Sesamoid bone**

BD Chaurasia (8th Edn): 41 (Vol-1) | Gray's Anatomy (3rd Edn): 633, 805 | Vishram Singh (3rd Edn): 69 (General Anatomy)

- 11. Bones forming nasal septum**

BD Chaurasia (8th Edn): 273 (Vol-3) | Gray's Anatomy (3rd Edn): 1076 | Vishram Singh (3rd Edn): 251 (Vol-3)

- 12. Name the arteries supplying the thumb and the index finger**

*BD Chaurasia (7th Edn): 113 (Vol-1) | Gray's Anatomy (3rd Edn): 811 | Vishram Singh (3rd Edn): 109 (Vol-1)***Max. Marks: 50**

- 1. Describe the external features of the heart. Add a note on its blood supply.**

BD Chaurasia (8th Edn): 298 (Vol-1) | Gray's Anatomy (3rd Edn): 198 | Vishram Singh (3rd Edn): 261-264 (Vol-1)

- 2. Describe the venous drainage and lymphatic drainage of the lower limb.**

*BD Chaurasia (7th Edn): 134-139 (Vol-2) | Vishram Singh (3rd Edn): 455-462 (Vol-2)***WRITE SHORT NOTE ON**

- 3. Second part of duodenum**

*BD Chaurasia (8th Edn): 306 (Vol-2) | Gray's Anatomy (3rd Edn): 312 | Vishram Singh (3rd Edn): 122 (Vol-2)***Hemiazygos vein***BD Chaurasia (7th Edn): 233 (Vol-1) | Gray's Anatomy (3rd Edn): 227 | Vishram Singh (3rd Edn): 307 (Vol-1)***Histology of appendix***BD Chaurasia (7th Edn): 297 (Vol-2) | Vishram Singh (3rd Edn): 150 (Vol-2)***Cruciate ligaments***BD Chaurasia (8th Edn): 167 (Vol-2) | Gray's Anatomy (3rd Edn): 612 | Vishram Singh (3rd Edn): 441 (Vol-2)***Plantar aponeurosis***Gray's Anatomy (3rd Edn): 649 | Vishram Singh (3rd Edn): 420 (Vol-2)***Douglas pouch***BD Chaurasia (8th Edn): 285 (Vol-2) | Gray's Anatomy (3rd Edn): 483 | Vishram Singh (3rd Edn): 87 (Vol-2)***McBurney's point***BD Chaurasia (7th Edn): 298 (Vol-2) | Gray's Anatomy (3rd Edn): 321 | Vishram Singh (3rd Edn): 150, 25 (Vol-2)***Cervical rib***BD Chaurasia (7th Edn): 200 (Vol-1) | Gray's Anatomy (3rd Edn): 150***Formation of portal vein***Gray's Anatomy (3rd Edn): 354 | Vishram Singh (3rd Edn): 134 (Vol-2)***Branches of superior mesenteric artery***BD Chaurasia (8th Edn): 35 (Vol-2) | Gray's Anatomy (3rd Edn): 148-150 | Vishram Singh (3rd Edn): 156 (Vol-2)***Scanned with CamScanner**

M.B.B.S DEGREE EXAMINATION

August - 2017

First M.B.B.S Examination

ANATOMY

PAPER - I

Time: 2½ Hours

Groves Anatomy (3rd Edn): 922-925 B.D Chaurasia (8th Edn) (Vol-3) : 63-67 Vishram Singh (3rd Edn): 47-51 (Vol-III)

WHITE SHORT NOTE ON
Brahminy (3rd Edn): 742, 814 | B.D Chaurasia (8th

3. Lateral wall of nose.
Gray's Anatomy (3rd Edn): 1069 | *B.D Chaurasia* (8th Edn) (Vol-I) : 274 | *Vishram Singh* (3rd Edn): 256 (Vol.-III)
 4. Cubital fossa-boundaries and contents.
Gray's Anatomy (3rd Edn): 768 | *B.D Chaurasia* (8th Edn) (Vol-I) : 103 | *Vishram Singh* (3rd Edn): 97 (Vol.-I)
 5. Blood supply of thyroid gland.
Gray's Anatomy (3rd Edn): 1017 | *B.D Chaurasia* (8th Edn) (Vol-I) : 156 | *Vishram Singh* (3rd Edn): 155 (Vol.-III)
 6. Superficial palmar arch.
Gray's Anatomy (3rd Edn): 812 | *B.D Chaurasia* (8th Edn) (Vol-I) : 133 | *Vishram Singh* (3rd Edn): 142 (Vol.-I)
 7. Floor of fourth ventricle

Val - III

WRITE BRIEFLY ON

8. Little's area.
B.D Chaurasia (8th Edn) (Vol-3) : 275 | Vishram Singh (3rd Edn) : 256 (Vol-III)

9. Carotid sheath.
Gray's Anatomy (3rd Edn) : 75 | B.D Chaurasia (8th Edn) (Vol-3) : 90 | Vishram Singh (3rd Edn) : 10.
First pharyngeal arch.

Embryology I.B Singh (8th Edn): 348

Give nerve supply

- 12.** Name of the ligaments attached to styloid process of temporal bone

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August - 2017

B.B.S Examination

ANATOMY

PAPER - I

Note : Answer all questions : Illustrate your answer with suitable diagrams

Max. Marks: 50

1. Describe the right atrium under following headings:
 (a) Gross features (b) Blood supply
 (c) Development

[3 + 3 + 4 = 10]

Gray's Anatomy (3rd Edn): 190-191 | B.D Chaurasia (8th Edn) (Vol-I) : 288, 290 | Vakram Singh (3rd Edn): 265 (Vol-I)

2. Describe the boundaries and contents of popliteal fossa and describe origin, course and branches of popliteal artery.

Gentle Antibiotics (2nd Edn.) 100 101 102 103 104 105 106 107 108 109 110

[3 + 3 = 10]

Date _____

Page No. _____

Date _____

Page No. _____

- 3.** Lesser omentum *Gray's Anatomy* (3rd Edn): 307 | *B.D Chaurasia* (8th Edn) (Vol-2) : 276 | *Vishram Singh* (3rd Edn): 77 (Vol-II)

4. Visceral relations of spleen. *Gray's Anatomy* (3rd Edn): 338 | *B.D Chaurasia* (8th Edn) (Vol-2) : 345 | *Vishram Singh* (3rd Edn): 100 (Vol-II)

5. Histology of suprarenal gland. *Histology I.B Singh* (11th Edn): 259 | *Diffoe's* (12th Edn): 471

6. Hamstring muscles *Gray's Anatomy* (3rd Edn): 594, 597 | *B.D Chaurasia* (8th Edn) (Vol-2) : 96 | *Vishram Singh* (3rd Edn): 365 (Vol-II)

7. Thoracic duct. *Gray's Anatomy* (3rd Edn): 218 | *B.D Chaurasia* (8th Edn) (Vol-I) : 327

[$5 \times 2 = 10$]

Relations of second part

- Dorsalispedis artery.**

Anatomy (3rd Edn): 312 | B.D Chaurasia (8th Edn) (Vol-2 : 306 | Vishram Singh (3rd Edn): 122 (Vol-II)

Anatomy (3rd Edn): 350 | B.D Chaurasia (8th Edn) (Vol-2) : 115 | Vishram Singh (3rd Edn): 394 (Vol-II)

Structures passing through major openings of the diaphragm.

Anatomy (3rd Edn): 369 | B.D Chaurasia (8th Edn) (Vol-I) : 216 | Vishram Singh (3rd Edn): 192 (Vol-I)

Inversion and eversion of foot.

Anatomy (3rd Edn): 640 | B.D Chaurasia (8th Edn) (Vol-2) : 182 | Vishram Singh (3rd Edn): 452 (Vol-II)

Derivatives of mesonephric duct.

Drugs & Alcohol (3 - Edn), 2002 | P.D. Chaitin et al. | DOI: 10.1111/j.1369-1003.2002.tb00001.x

M.B.B.S DEGREE EXAMINATION

December - 2016

First M.B.B.S Examination

ANATOMY

PAPER - I

Time: 2½ Hours

Note : Answer all questions : Illustrate your answer with suitable diagrams.

1. Describe the thyroid gland under the following headings: [2 + 3 + 3 + 2 = 10]

- (A) Location
- (B) Relations
- (C) Blood supply
- (D) Applied anatomy

Gray's Anatomy (3rd Edn): 1017 | B.D Chaurasia (3rd Edn) (Vol-3) : 153-159 | Vishram Singh (3rd Edn) (Vol-3) : 155

2. Describe the brachial plexus under the following headings: [2 + 2 + 3 + 3 = 10] [5 × 4 = 20]

- (A) Formation
- (B) Relations
- (C) Branches
- (D) Applied Anatomy

Gray's Anatomy (3rd Edn): 738 | R.D Chaurasia (3rd Edn) (Vol-1) : 39 | Vishram Singh (3rd Edn) (Vol-1) : 52

WRITE SHORT NOTES ON

3. Rhomboid fossa

B.D Chaurasia (3rd Edn) (Vol-4) : 375 | Vishram Singh (3rd Edn) (Vol-3) : 375, Neuroanatomy (3rd Edn) : 119

4. Internal capsule

B.D Chaurasia (3rd Edn) (Vol-4) : 162 | Vishram Singh (3rd Edn) (Vol-3) : 391, Neuroanatomy (3rd Edn) : 162

5. Development of tongue

Embryology I.B Singh (11th Edn) : 170

6. Histology of cardiac muscle

Histology I.B Singh (9th Edn): 91-92 | Difore's Histology (12th Edn) : 158

7. Facial artery origin course, relations and applied anatomy

Gray's Anatomy (3rd Edn) : 917-919 | B.D Chaurasia (3rd Edn) (Vol-3) : 75 | Vishram Singh (3rd Edn) (Vol-3) : 60

WRITE BRIEFLY ON

8. Nerve supply and actions of deltoid muscle

Gray's Anatomy (3rd Edn): 714 | B.D Chaurasia (3rd Edn) (Vol-1) : 75 | Vishram Singh (3rd Edn) (Vol-1) : 65, 92

9. Contents and applied anatomy of cubital fossa

Gray's Anatomy (3rd Edn): 768 | B.D Chaurasia (3rd Edn) (Vol-1) : 103 | Vishram Singh (3rd Edn) (Vol-1) : 97

10. Subarachnoid space

Gray's Anatomy (3rd Edn) : 103-104 | B.D Chaurasia (7th Edn) (Vol-3) : 190 | Vishram Singh (3rd Edn) (Vol-3) : 303

11. Layers of retina

Gray's Anatomy (3rd Edn): 947 | B.D Chaurasia (7th Edn) (Vol-3) : 303 | Vishram Singh (3rd Edn) (Vol-3) : 295

12. Pulp space of the fingers

Gray's Anatomy (3rd Edn) : 169 | B.D Chaurasia (3rd Edn) (Vol-1) : 132 | Vishram Singh (3rd Edn) (Vol-1) : 147

N T R U H S

M.B.B.S DEGREE EXAMINATION

December - 2016

First M.B.B.S Examination

ANATOMY

PAPER - II

Max. Marks: 50

[2 + 3 + 2 + 2 = 10]

1. Describe the hip joint under the following headings: [2 + 3 + 2 + 2 = 10]

- Heading:
- (a) Articular surfaces
- (b) Ligaments

Gray's Anatomy (3rd Edn): 541 | B.D Chaurasia (8th Edn) (Vol-2) : 162 | Vishram Singh (3rd Edn) (Vol-2) : 375

2. Describe pancreas under the following headings: [1 + 4 + 3 + 2 = 10]

- Relations
- (a) Parts
- (b) Relations
- (c) Blood supply
- (d) Applied anatomy

Gray's Anatomy (3rd Edn): 333 | B.D Chaurasia (8th Edn) (Vol-2) : 349 | Vishram Singh (3rd Edn) (Vol-2) : 127

WRITE SHORT NOTES ON

3. Popliteal artery-origin, relations and Branches

Gray's Anatomy (3rd Edn): 617 | B.D Chaurasia (8th Edn) (Vol-2) : 87-89 | Vishram Singh (3rd Edn) (Vol-2) : 370

4. Gluteus maximus-origin, insertion, nerve supply and actions

Gray's Anatomy (3rd Edn): 578 | B.D Chaurasia (8th Edn) (Vol-2) : 75,76,78 | Vishram Singh (3rd Edn) (Vol-2) : 355

5. Development of urinary bladder and mention two congenital anomalies

Embriology I.B Singh (11th Edn): 351, 271

6. Histology of uterus

Histology I.B Singh (8th Edn): 231, 239 | Difore's Histology (12th Edn): 505

7. Ischiorectal fossa

Gray's Anatomy (3rd Edn): 504 | B.D Chaurasia (8th Edn) (Vol-2) : 383

[5 × 4 = 20]

WRITE BRIEFLY ON

8. Enumerate Features of Turner's Syndrome

G.P.Pal (3rd Edn): 69 | S.S Gangane (5th Edn): 79-82

9. Sinoatrial (SA) node

Gray's Anatomy (3rd Edn): 206 | B.D Chaurasia (7th Edn) (Vol-1) : 277 | Vishram Singh (3rd Edn) (Vol-1) : 265

10. Lymphatic drainage of stomach

Gray's Anatomy (3rd Edn): 308 | B.D Chaurasia (8th Edn) (Vol-2) : 295 | Vishram Singh (3rd Edn) (Vol-2) : 95

11. Periodical sinuses

Gray's Anatomy (3rd Edn): 180 | B.D Chaurasia (7th Edn) (Vol-1) : 264 | Vishram Singh (3rd Edn) (Vol-1) : 258

12. Mention the differences between right and left lungs

Gray's Anatomy (3rd Edn): 169 | B.D Chaurasia (8th Edn) (Vol-1) : 268 | Vishram Singh (3rd Edn) (Vol-1) : 239

B.D Chaurasia (7th Edn) (Vol-1) : 132 | Vishram Singh (3rd Edn) (Vol-1) : 147

M.B.B.S DEGREE EXAMINATION

August - 2016

**First M.B.B.S Examination
ANATOMY
PAPER - I**

Time: 2½ Hours

Note : Answer all questions : Illustrate your answer with suitable diagrams.

1. Describe oculomotor nerve under following headings.

[2 + 3 + 3 + 2 = 10]

- (a) Origin
- (b) Course
- (c) Distribution
- (d) Applied Anatomy.

Gray's Anatomy (3rd Edn): 943 | B.D Chaurasia (8th Edn) (Vol-4) : 69 | Vishram Singh (3rd Edn): 333 (Vol-3), Neuroanatomy (3rd Edn): 97

2. Describe the Cavernous sinus under the following

[1 + 4 + 3 + 2 = 10]

- (a) Location
- (b) External features with relations
- (c) Microscopic structures
- (d) Applied anatomy.

*Gray's Anatomy (3rd Edn): 888 | B.D Chaurasia (8th Edn) (Vol-3) : 216 | Vishram Singh (3rd Edn): 324 (Vol-3)***WRITE SHORT NOTE ON**

3. Radial artery—origin, course, relations and applied anatomy?

Gray's Anatomy (3rd Edn): 812 | B.D Chaurasia (8th Edn) (Vol-1) : 134 | Vishram Singh (3rd Edn): 109 (Vol-1)

4. Biceps brachii – origin, insertion and actions

Gray's Anatomy (3rd Edn): 731 | B.D Chaurasia (8th Edn) (Vol-1) : 96 | Vishram Singh (3rd Edn): 90 (Vol-1)

5. Formation and rate of pharyngeal clefts

Embryology I.B Singh (11th Edn): 350

6. Fornix

Gray's Anatomy (3rd Edn): 930 | B.D Chaurasia (7th Edn): 59 | Vishram Singh (3rd Edn): 399 (Vol-3)

7. Cerebellar peduncles

*Vishram Singh (3rd Edn): 378, Neuroanatomy (3rd Edn): 116***WRITE BRIEFLY ON**

8. Pharyngeal plexus of nerves

Gray's Anatomy (3rd Edn): 1051

9. Cleavage lines of skin in face

Embryology I.B Singh (11th Edn): 118

10. Histology of elastic cartilage

Histology I.B Singh (3rd Edn): 57 | Diffee's Histology (12th Edn): 115-117

11. Motor speed area

Vishram Singh (3rd Edn): 388 (Vol-3)

12. Inferior radio-ulnar joint.

*Gray's Anatomy (3rd Edn): 774 | B.D Chaurasia (8th Edn) (Vol-1) : 168***N T R U H S****M.B.B.S DEGREE EXAMINATION**

August - 2016

**First M.B.B.S Examination
ANATOMY
PAPER - II**
Max. Marks: 50

1. Describe the knee joint under the following heading?

[1 + 3 + 3 + 3 = 10]*Gray's Anatomy (3rd Edn): 60 | B.D Chaurasia (8th Edn) (Vol-3) : 167 | Vishram Singh (3rd Edn): 437 (Vol-2)*

- (a) Articular surfaces
- (b) Ligaments
- (c) Movements
- (d) Applied Anatomy.

2. Describe the vermiform appendix under following heading

[1 + 4 + 3 + 2 = 10]*Gray's Anatomy (3rd Edn): 320 | B.D Chaurasia (8th Edn) (Vol-2) : 316, 318, 295 | Vishram Singh (3rd Edn): 148 (Vol-2)***WRITE SHORT NOTE ON**

3. Common peroneal nerve - origin, course and branches

*B.D Chaurasia (8th Edn) (Vol-2) : 92, 207 | Vishram Singh (3rd Edn): 469 (Vol-2)***Histology of ovary***Embryology I.B Singh (11th Edn): 231, History Diffee's (12th Edn): 508-519*

5. Development of kidney and mention two congenital anomalies

Embryology I.B Singh (11th Edn): 129

6. Classification of joints.

Gray's Anatomy (3rd Edn): 87 | Vishram Singh (3rd Edn): 94

7. Superior vena cava - formation, course, termination and relations

*Gray's Anatomy (3rd Edn): 215 | B.D Chaurasia (8th Edn) (Vol-1) : 310 | Vishram Singh (3rd Edn): 283 (Vol-2)***WRITE BRIEFLY ON**

8. Lobes of prostate

Gray's Anatomy (3rd Edn): 473 | B.D Chaurasia (8th Edn) (Vol-2) : 467 | Vishram Singh (3rd Edn): 229 (Vol-2)

9. Enumerate features of klinefelter syndrome

*G.P Pal (3rd Edn): 71 | S.S Gangane (3rd Edn): 83-84***Pleural recesses***Gray's Anatomy (3rd Edn): 166 | B.D Chaurasia (8th Edn) (Vol-1) : 260 | Vishram Singh (3rd Edn): 227 (Vol-2)***Superficial cardiac plexus***Gray's Anatomy (3rd Edn): 208 | B.D Chaurasia (8th Edn) (Vol-1) : 303 | Vishram Singh (3rd Edn): 277 (Vol-2)***Rectouterine pouch***Gray's Anatomy (3rd Edn): 433 | B.D Chaurasia (8th Edn) (Vol-1) : 285 | Vishram Singh (3rd Edn): 87 (Vol-2)*

M.B.B.S DEGREE EXAMINATION

December - 2015

First M.B.B.S Examination

ANATOMY

PAPER - I

Time: 2½ Hours

Note : Answer all questions : Illustrate your answer with suitable diagrams.

1. Describe the shoulder joint under the following [2 + 3 + 3 + 2 = 10]

Headings:

(A) Classification and articulating bones

(B) Ligaments

(C) Movements

(D) Applied Anatomy.

Gray's Anatomy (3rd Edn): 707 | B.D Chaurasia (8th Edn)(Vol-1) : 158 | Vishram Singh (3rd Edn): 71 (Vol-1)

2. Describe the Cavernous sinus under the following [2 + 4 + 2 + 2 = 10]

(A) Situation and extent

(B) Relations

(C) Tributaries

(D) Applied anatomy.

Gray's Anatomy (3rd Edn): 199 | B.D Chaurasia (8th Edn)(Vol-3) : 214 | Vishram Singh (3rd Edn): 324 (Vol-3)

WRITE SHORT NOTE ON

3. Facial artery.

Gray's Anatomy (3rd Edn): 1013 | B.D Chaurasia (8th Edn)(Vol-3) : 75 | Vishram Singh (3rd Edn): 60 (Vol-3)

4. Histology of tongue.

Histology I.B Singh (9th Edn): 181 | Difore's Histology (12th Edn): 284-285

5. Development of the thyroid and parathyroid glands.

Embryology I.B Singh (11th Edn): 314

6. III ventricle of the brain.

B.D Chaurasia (8th Edn)(Vol-4) : 168 | Vishram Singh (3rd Edn): 381 (Vol-3), Neuroanatomy (3rd Edn): 151

7. Brachioradialis muscle - origin, insertion, nerve supply and actions.

Gray's Anatomy (3rd Edn): 787 | B.D Chaurasia (8th Edn)(Vol-1) : 147 | Vishram Singh (3rd Edn): 114 (Vol-1)

WRITE BRIEFLY ON

8. Derivatives of the l pharyngeal pouch.

Embryology I.B Singh (11th Edn): 346

9. Blastocyst.

Embryology I.B Singh (11th Edn): 53

10. Mention intracerebellar nuclei.

Vishram Singh (3rd Edn): 373 (Vol-3), Neuroanatomy (3rd Edn): 112

11. Medial geniculate body (nucleus).

B.D Chaurasia (8th Edn)(Vol-4) : 150 | Vishram Singh (3rd Edn): 379 (Vol-3), Neuroanatomy (3rd Edn): 128

12. Superficial branch of the ulnar nerve.

Gray's Anatomy (3rd Edn): 814 | B.D Chaurasia (8th Edn)(Vol-1) : 136 | Vishram Singh (3rd Edn): 172 (Vol-1)

Max. Marks: 50

[1 + 5 + 2 + 2 = 10]

1. Describe the anal canal under the following

Headings:

(A) Parts

(B) Internal structure

(C) Blood supply

(D) Applied anatomy.

Gray's Anatomy (3rd Edn): 324 | B.D Chaurasia (8th Edn)(Vol-2) : 48 | Vishram Singh (3rd Edn): 226 (Vol-2)

2. Describe the gluteus maximus muscle under the following

[2 + 2 + 2 + 2 + 2 = 10]

Heading:

(A) Origin

(B) Insertion

(C) Nerve supply

(D) Actions

(E) Applied anatomy.

Gray's Anatomy (3rd Edn): 575 | B.D Chaurasia (8th Edn)(Vol-2) : 78,79 | Vishram Singh (3rd Edn): 355 (Vol-2)

[5 × 4 = 20]

WRITE SHORT NOTE ON

3. Gall bladder.

Gray's Anatomy (3rd Edn): 331 | B.D Chaurasia (8th Edn)(Vol-2) : 336 | Vishram Singh (3rd Edn): 115 (Vol-2)

4. Histology of the supra renal gland.

Histology I.B Singh (9th Edn): 300 | Difore's Histology (12th Edn): 471

5. Prostatic urethra.

Gray's Anatomy (3rd Edn): 467 | B.D Chaurasia (8th Edn)(Vol-2) : 439 | Vishram Singh (3rd Edn): 245 (Vol-2)

6. Down syndrome.

G.P.Pal (3rd Edn): 66 | S.S Gangane (5th Edn): 75-78

7. Cruciate ligaments of the knee joint.

Gray's Anatomy (3rd Edn): 612 | B.D Chaurasia (8th Edn)(Vol-2) : 167 | Vishram Singh (3rd Edn): 441 (Vol-2)

[5 × 2 = 10]

WRITE BRIEFLY ON

8. Derivatives of the midgut.

Embryology I.B Singh (11th Edn): 179

9. Costodiaphragmatic recess of pleural.

Gray's Anatomy (3rd Edn): 164 | B.D Chaurasia (8th Edn)(Vol-1) : 260 | Vishram Singh (3rd Edn): 228 (Vol-2)

[5 × 2 = 10]

10. Deep inguinal ring.

Gray's Anatomy (3rd Edn): 294 | B.D Chaurasia (8th Edn)(Vol-2) : 248 | Vishram Singh (3rd Edn): 47 (Vol-2)

11. Name the branches of femoral artery.

Gray's Anatomy (3rd Edn): 566 | B.D Chaurasia (8th Edn)(Vol-2) : 57 | Vishram Singh (3rd Edn): 338 (Vol-2)

12. Perineal body.

Gray's Anatomy (3rd Edn): 439 | B.D Chaurasia (8th Edn)(Vol-2) : 410 | Vishram Singh (3rd Edn): 223 (Vol-2)

M.B.B.S DEGREE EXAMINATION

August - 2015

First M.B.B.S Examination

ANATOMY

PAPER - I

Time: 2½ Hours

1. Describe the tongue under the following
Heading:
(A) Parts
(B) Features of the dorsum
(C) Nerve supply
(D) Development.
[1 + 3 + 3 + 3 = 10]

2. Describe the superolateral surface of the cerebrum under following
Heading:
(A) Sulci
(B) Gyri
(C) Function areas
(D) Applied anatomy.
[4 + 2 + 2 + 2 = 10]

3. Radial nerve in the spiral groove.
Grova's Anatomy (3rd Edn): 761 | R.D Chaurasia (8th Edn): 192 | Vishwan Singh (3rd Edn): 167 (Ans-D)
4. Interosseous muscles of the hand.
Grova's Anatomy (3rd Edn): 808 | R.D Chaurasia (8th Edn): 168 | Vishwan Singh (3rd Edn): 141 (Ans-D)
5. Oblique muscles of the eyeball.
Grova's Anatomy (3rd Edn): 940 | R.D Chaurasia (8th Edn): 233 | Vishwan Singh (3rd Edn): 284 (Ans-D)
6. Histology of compact bone.
Histology I & II Singh (1st Edn): 711 | Dhorey's Histology (1st Edn): 122
7. Development of the pituitary gland.
Embryology I & II Singh (1st Edn): 314
[5 x 2 = 10]

WRITE BRIEFLY ON

8. Give nerve supply and actions of biceps brachii muscle.
Grova's Anatomy (3rd Edn): 711 | R.D Chaurasia (8th Edn): 96 | Vishwan Singh (3rd Edn): 91 (Ans-D)
9. Name the branches of the third part of axillary artery.
Grova's Anatomy (3rd Edn): 741 | R.D Chaurasia (8th Edn): 96 | Vishwan Singh (3rd Edn): 90 (Ans-D)
10. Name the structures the lateral wall of cavernous sinus.
Grova's Anatomy (3rd Edn): 888 | R.D Chaurasia (8th Edn): 216 | Vishwan Singh (3rd Edn): 324 (Ans-D)
11. What are the parts of the corpus callosum?
R.D Chaurasia (8th Edn): 160 | Vishwan Singh (3rd Edn): 190 (Ans-D), Neuroanatomy (3rd Edn): 160
12. Name the structures side the parotid gland.
Grova's Anatomy (3rd Edn): 911 | R.D Chaurasia (8th Edn): 217 | Vishwan Singh (3rd Edn): 114 (Ans-D)

Note : - Answer all questions; illustrate your answer with suitable diagrams.

[1 + 3 + 3 + 3 + 2 = 10]

1. Describe stomach under the following
Heading:
(A) Ligaments related
(B) Blood supply
(C) Lymphatic drainage
(D) Applied aspects.
Grova's Anatomy (3rd Edn): 310, 311, 318 | R.D Chaurasia (8th Edn): 194 | Vishwan Singh (3rd Edn): 88 (Ans-D)

2. Describe the Sciatic Nerve under the following
Heading:
(A) Root value
(B) Course
(C) Relations
(D) Distribution
(E) Applied anatomy.
Grova's Anatomy (3rd Edn): 365, 379, 605 | R.D Chaurasia (8th Edn): 189 | Vishwan Singh (3rd Edn): 368 (Ans-D)

[5 x 4 = 20]

WRITE SHORT NOTE ON

3. Vermiform appendix.
Grova's Anatomy (3rd Edn): 310 | R.D Chaurasia (8th Edn): 316 | Vishwan Singh (3rd Edn): 148 (Ans-D)

4. Posterior relations of left kidney.
Grova's Anatomy (3rd Edn): 374 | R.D Chaurasia (8th Edn): 360 | Vishwan Singh (3rd Edn): 187 (Ans-D)

5. Right coronary artery.
Grova's Anatomy (3rd Edn): 188 | R.D Chaurasia (8th Edn): 208 | Vishwan Singh (3rd Edn): 274 (Ans-D)

6. Barr bodies.
GP Put (3rd Edn): 31 | S.S Ganguly (3rd Edn): 20

7. Histology of the testis.
Histology I & II Singh (1st Edn): 252 | Dhorey's Histology (1st Edn): 480-481

WRITE BRIEFLY ON

8. Tibial collateral ligament.
Grova's Anatomy (3rd Edn): 611 | R.D Chaurasia (8th Edn): 169 | Vishwan Singh (3rd Edn): 441 (Ans-D)

9. Development of the pancreas.
Pathology I & II Singh (1st Edn): 100-108

10. Ligaments of the spleen.
Grova's Anatomy (3rd Edn): 183 | R.D Chaurasia (8th Edn): 145 | Vishwan Singh (3rd Edn): 100 (Ans-D)

11. Boundaries of the transverse sinus of the pericardium.
Grova's Anatomy (3rd Edn): 185 | R.D Chaurasia (8th Edn): 189 | Vishwan Singh (3rd Edn): 258 (Ans-D)

12. Structures passing through major openings of the diaphragm.
Grova's Anatomy (3rd Edn): 10 | R.D Chaurasia (8th Edn): 216 | Vishwan Singh (3rd Edn): 192 (Ans-D)

[5 x 2 = 10]

Max. Marks: 50
[2 + 3 + 3 + 2 = 10]

M.B.B.S DEGREE EXAMINATION

November - 2014

First M.B.B.S Examination ANATOMY PAPER - I

Time: 2½ Hours

1. Describe the axillary artery under the following [2 + 4 + 2 + 2 = 10]

Headings :

- (a) Course
- (b) Relations
- (c) Branches
- (d) Applied aspects.

Gray's Anatomy (3rd Edn): 753 | B.D Chaurasia (8th Edn)(Vol-I): 3458 | Vishram Singh (3rd Edn): 48 (Vol-I)

2. Describe the internal capsule under the following [1 + 2 + 3 + 2 = 10]

Headings :

- (a) Parts
- (b) Relations
- (c) Fiber components
- (d) Arterial supply (e) Applied anatomy.

B.D Chaurasia (3rd Edn)(Vol-4): 162 | Vishram Singh (3rd Edn): 391 (Vol-3), Neuroanatomy (3rd Edn): 162

WRITE BRIEFLY ON

3. Tentorium cerebrum.

Vishram Singh (3rd Edn): 800 | B.D Chaurasia (8th Edn)(Vol-I): 144 | Vishram Singh (3rd Edn): 150 (Vol-I)

4. Anatomical snuff box.

Gray's Anatomy (3rd Edn)(Vol-4): 155 | Vishram Singh (3rd Edn): 389 (Vol-3), Neuroanatomy (3rd Edn): 150

5. Visual cortex.

Histology I.B Singh (1st Edn): 84 | Diffores Histology (12th Edn): 143,156

6. Histology of skeletal muscle.

Histology I.B Singh (1st Edn): 612 | B.D Chaurasia (8th Edn)(Vol-2): 167 | Vishram Singh (3rd Edn): 441 (Vol-2)

7. Development of the tongue.

Embryology I.B Singh (11th Edn): 168, 357

WRITE BRIEFLY ON

8. Platform recess.

9. Formation and distribution of ansa cervicalis.

Gray's Anatomy (3rd Edn): 1016 | B.D Chaurasia (8th Edn)(Vol-3): 107 | Vishram Singh (3rd Edn): 93 (Vol-3)

10. List the branches of medial cord of brachial plexus.

Gray's Anatomy (3rd Edn): 742 | B.D Chaurasia (8th Edn)(Vol-I): 61 | Vishram Singh (3rd Edn): 53 (Vol-1)

11. Name the muscles forming rotator cuff.

Gray's Anatomy (3rd Edn): 692 | B.D Chaurasia (8th Edn)(Vol-I): 78 | Vishram Singh (3rd Edn): 65 (Vol-1)

12. Name any four Carpal bones.

Gray's Anatomy (3rd Edn): 693 | B.D Chaurasia (8th Edn)(Vol-1): 28 | Vishram Singh (3rd Edn): 229 (Vol-1)

Note : Answer all questions ; illustrate your answer with suitable diagram.

Max. Marks: 50

1. Describe the arterial supply, venous drainage and nerve supply of the heart. [4 + 3 + 3 = 10]

2. Describe the uterus under the following, Headings : [1 + 4 + 3 + 2 = 10]

(a) Normal position

(b) Parts with relations

(c) Supports

(d) Embryologic development.

3. Lesser omentum. [5 x 4 = 20]

4. Histology of the kidney. [5 x 4 = 20]

5. Deep poroneal nerve. [5 x 4 = 20]

6. Cruciate ligaments of the knee joint. [5 x 4 = 20]

7. Portacaval anastomosis. [5 x 4 = 20]

8. Sex chromosomes. [5 x 4 = 20]

9. Down's syndrome. [5 x 4 = 20]

10. Costodiaphragmatic recess of pleura. [5 x 4 = 20]

11. Embryologic development of the suprarenal gland. [5 x 4 = 20]

12. Cervical artery. [5 x 4 = 20]

13. N.D Chaurasia (8th Edn)(Vol-2): 328

Gray's Anatomy (3rd Edn): 692 | B.D Chaurasia (8th Edn)(Vol-I): 260 | Vishram Singh (3rd Edn): 229 (Vol-1)

Gray's Anatomy (3rd Edn): 693 | B.D Chaurasia (8th Edn)(Vol-1): 28 | Vishram Singh (3rd Edn): 229 (Vol-1)

Gray's Anatomy (3rd Edn): 692 | B.D Chaurasia (8th Edn)(Vol-I): 78 | Vishram Singh (3rd Edn): 65 (Vol-1)

Gray's Anatomy (3rd Edn): 693 | B.D Chaurasia (8th Edn)(Vol-1): 28 | Vishram Singh (3rd Edn): 229 (Vol-1)

N T R U H S

November - 2014

First M.B.B.S Examination ANATOMY PAPER - II

M.B.B.S DEGREE EXAMINATION

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M.B.B.S DEGREE EXAMINATION

November - 2014

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M.B.B.S DEGREE EXAMINATION

July/August - 2014

First M.B.B.S Examination**ANATOMY****PAPER - I****Time: 2½ Hours****Note : Answer all questions : [1 + 1 + 4 + 2 + 2 = 10]**

1. Describe the thyroid gland under the following, [1 + 1 + 4 + 2 + 2 = 10]
Headings :
 (a) Parts
 (c) Relations
 (b) Capsule
 (d) Blood supply
 (e) Applied anatomy

Gray's Anatomy (3rd Edn): 1017, 1021, 1019 | B.D Chaurasia (8th Edn)(Vol-3) : 153-159 | Vishram Singh (3rd Edn): 155 (Vol-3)

2. Describe ulnar nerve in the hand under the following, [4 + 2 + 2 + 2 = 10]
Headings :
 (a) Course and relations
 (c) Distribution
 (b) Branches
 (d) Applied anatomy.

*B.D Chaurasia (8th Edn)(Vol-4) : 173 | Vishram Singh (3rd Edn): 393 (Vol-3), Neuroanatomy (3rd Edn): 166***WRITE SHORT NOTE ON****Inferior horn of the lateral ventricle.***B.D Chaurasia (8th Edn)(Vol-4) : 150, 151 | Vishram Singh (3rd Edn): 379 (Vol-3), Neuroanatomy (3rd Edn): 128***Geniculate bodies.***B.D Chaurasia (8th Edn)(Vol-4) : 150, 151 | Vishram Singh (3rd Edn): 379 (Vol-3), Neuroanatomy (3rd Edn): 128***Mesodermal derivatives of the first arch***Embryology I.B Singh (1st Edn): 346***Histology of lymph node.***Histology I.B Singh (9th Edn): 101 | Difore's Histology (12th Edn): 238, 239, 252-258***Circle of Willis.***B.D Chaurasia (8th Edn)(Vol-4) : 190 | Vishram Singh (3rd Edn): 401 (Vol-3), Neuroanatomy (3rd Edn): 169***WRITE BRIEFLY ON****Nerve supply and actions of the cricothyroid muscle.***Gray's Anatomy (3rd Edn): 1062 | B.D Chaurasia 87th Edn(Vol-3) : 291 | Vishram Singh (3rd Edn): 223-224 (Vol-3)***Median cubital vein.***Gray's Anatomy (3rd Edn): 700 | B.D Chaurasia (8th Edn)(Vol-1) : 89 | Vishram Singh (3rd Edn): 85 (Vol-1)***Conus medullaris.***Vishram Singh (3rd Edn): 304 (Vol-3)***Applied anatomy of scaphoid bone.***Gray's Anatomy (3rd Edn): 793 | B.D Chaurasia (8th Edn)(Vol-1) : 28 | Vishram Singh (3rd Edn): 28 (Vol-1)***Coracoid process of the scapula.***Gray's Anatomy (3rd Edn): 702 | B.D Chaurasia (8th Edn)(Vol-1) : 9 | Vishram Singh (3rd Edn): 13 (Vol-1)***M.B.B.S DEGREE EXAMINATION**

July/August - 2014

First M.B.B.S Examination**ANATOMY****PAPER - II****Note : Max. Marks: 50**

1. Answer all questions : Illustrate your answer with suitable diagrams. [2 + 1 + 5 + 2 = 10]

1. Describe the right atrium of the heart the following, [2 + 1 + 5 + 2 = 10]
Headings :
 (a) External features
 (c) Interior
 (b) Openings
 (d) Development.

Gray's Anatomy (3rd Edn): 190, 191 | B.D Chaurasia (8th Edn)(Vol-1) : 298, 301, 302 | Vishram Singh (3rd Edn): 265 (Vol-1)

2. Describe the stomach under the following, [2 + 4 + 2 + 2 = 10]
Headings :
 (a) Parts
 (c) Arterial supply
 (b) Stomach bed
 (d) Lymphatic drainage.

*Gray's Anatomy (3rd Edn): 308, 310 | B.D Chaurasia (8th Edn)(Vol-2) : 294 | Vishram Singh (3rd Edn): 91-95 (Vol-2)***WRITE SHORT NOTE ON****Cruciate anastomosis.***Gray's Anatomy (3rd Edn): 601 | B.D Chaurasia (8th Edn)(Vol-2) : 85 | Vishram Singh (3rd Edn): 347, 369 (Vol-2)***4. Tendo calcaneus.***Gray's Anatomy (3rd Edn): 621 | B.D Chaurasia (8th Edn)(Vol-2) : 127 | Vishram Singh (3rd Edn): 320 (Vol-2)***5. Klinefelter syndrome.***G.P Pal (3rd Edn): 71 | S.S Gangane (5th Edn): 83-84***6. Microscopic structure of ovary.***Histology I.B Singh (9th Edn): 269 | Difore's Histology (12th Edn): 508-519***7. Contents of the inguinal canal.***Gray's Anatomy (3rd Edn): 294 | B.D Chaurasia (8th Edn)(Vol-2) : 249 | Vishram Singh (3rd Edn): 46 (Vol-2)*

8. Development of urinary bladder.
B.D Chaurasia (8th Edn)(Vol-2) : 442 | Vishram Singh (3rd Edn): 238 (Vol-2)

9. Movements of ankle joint.*Gray's Anatomy (3rd Edn): 638 | B.D Chaurasia (8th Edn)(Vol-2) : 171 | Vishram Singh (3rd Edn): 450 (Vol-2)***10. Boundaries and contents of adductor canal.***Gray's Anatomy (3rd Edn): 572 | B.D Chaurasia (8th Edn)(Vol-2) : 62-63 | Vishram Singh (3rd Edn): 336, 337 (Vol-1)***11. Cervical pleura.***Gray's Anatomy (3rd Edn): 164 | B.D Chaurasia (8th Edn)(Vol-1) : 259 | Vishram Singh (3rd Edn): 227 (Vol-1)***12. Branches of inferior mesenteric artery.***Gray's Anatomy (3rd Edn): 350 | B.D Chaurasia (8th Edn)(Vol-2) : 328 | Vishram Singh (3rd Edn): 157 (Vol-2)*

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ANATOMY

PAPER - I

Time: 2½ Hours

1. Describe the scalp under the following, [3 + 2 + 3 + 2 = 10]

Headings :

- (a) Layers
- (b) Blood supply
- (c) Nerve supply
- (d) Applied anatomy.

Gray's Anatomy (3rd Edn): 922, 925 | B.D Chaurasia (8th Edn)(Vol-3) : 63-67 | Vishram Singh (3rd Edn): 47-51 (Vol-1)

2. Describe the shoulder joint under the following, [2 + 2 + 1 + 2 + 2 = 10]

Headings :

- (a) Type and articular surfaces
- (b) Ligaments
- (c) Relations
- (d) Movements with muscles involved
- (e) Applied anatomy.

Gray's Anatomy (3rd Edn): 707 | B.D Chaurasia (8th Edn)(Vol-1) : 158 | Vishram Singh (3rd Edn): 71-75 (Vol-1)

3. Axillary nerve. [5 × 4 = 20]

WRITE SHORT NOTE ON

Gray's Anatomy (3rd Edn): 719, 746 | B.D Chaurasia (8th Edn)(Vol-1) : 79,191,192 | Vishram Singh (3rd Edn): 68, 165 (Vol-1)

4. Contents, boundaries and applied anatomy of middle ear.

Gray's Anatomy (3rd Edn): 928 | B.D Chaurasia (8th Edn)(Vol-3) : 314 | Vishram Singh (3rd Edn): 271 (Vol-3)

5. Development and anomalies of the palate.

Embryology I.B Singh (11th Edn): 161

6. External features and applied anatomy cerebellum.

B.D Chaurasia (8th Edn)(Vol-4) : 117, 124 | Vishram Singh (3rd Edn): 372 (Vol-3), Neuroanatomy (3rd Edn): 110

7. External capsule.

B.D Chaurasia (8th Edn)(Vol-4) : 29

WRITE BRIEFLY ON

8. Mention four branches of external carotid artery.

Gray's Anatomy (3rd Edn): 912 | B.D Chaurasia (8th Edn)(Vol-3) : 109 | Vishram Singh (3rd Edn): 237 (Vol-3)

9. Implantation.

Embryology I.B Singh (11th Edn): 56, 65

10. Visual cortex.

B.D Chaurasia (8th Edn)(Vol-4) : 155 | Vishram Singh (3rd Edn) (Vol-3) : 389 | Vishram Singh Neuroanatomy (3rd Edn) : 166

11. boundaries of digastric triangle.

Gray's Anatomy (3rd Edn): 1008 | B.D Chaurasia (8th Edn)(Vol-3) : 103 | Vishram Singh (3rd Edn): 120 (Vol-3)

12. Mention supply of the uterus.

Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-2) : 354 | Vishram Singh (3rd Edn): 245 (Vol-2)

13. Structures of the liver.

Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-2) : 354 | Vishram Singh (3rd Edn): 245 (Vol-2)

14. Development of the heart.

Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-2) : 354 | Vishram Singh (3rd Edn): 245 (Vol-2)

N T R U H S

M.B.B.S DEGREE EXAMINATION

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First M.B.B.S Examination

ANATOMY

PAPER - II

Max. Marks: 50

Note : Answer all questions : Illustrate your answer with suitable diagrams.

- [1 + 3 + 4 + 2 = 10]

1. Describe the anal canal under the following, [1 + 3 + 4 + 2 = 10]

Headings :

- (a) Situation and extent
- (b) Interior
- (c) Musculature
- (d) Applied anatomy.

Gray's Anatomy (3rd Edn): 324 | B.D Chaurasia (8th Edn)(Vol-2) : 481 | Vishram Singh (3rd Edn): 277, 278 (Vol-2)

2. Describe the bronchopulmonary segments under the following, [3 + 5 + 2 = 10]

Headings :

- (a) Definition and general features
- (b) Bronchopulmonary segments of the right lung
- (c) Applied anatomy.

Gray's Anatomy (3rd Edn): 173 | B.D Chaurasia (8th Edn)(Vol-1) : 270 | Vishram Singh (3rd Edn): 245 (Vol-1)

WRITE SHORT NOTE ON

- [5 × 4 = 20]

3. Common bile duct - course and relations.

Gray's Anatomy (3rd Edn): 337 | B.D Chaurasia (8th Edn)(Vol-2) : 339 | Vishram Singh (3rd Edn): 117 (Vol-2)

Histology of the pancreas.

Histology I.B Singh (9th Edn): 219 | Difore's Histology (12th Edn): 287, 367, 386 | Vishram Singh (3rd Edn): 127-132 (Vol-2)

Development and anomalies of the kidney.

Embriology I.B Singh (11th Edn): 265, 269

Psoas major muscle - origin, insertion and actions.

Gray's Anatomy (3rd Edn): 368 | B.D Chaurasia (8th Edn)(Vol-2) : 400 | Vishram Singh (3rd Edn): 180 (Vol-2)

Common peroneal nerve - course, branches and applied anatomy.

B.D Chaurasia (8th Edn)(Vol-2) : 92, 207 | Vishram Singh (3rd Edn): 469 (Vol-2)

WRITE BRIEFLY ON

- [5 × 2 = 10]

8. Meiosis.

G.P Pal (3rd Edn): 26 | S.S Gangane (5th Edn): 14-16

Classification of bones.

Histology I.B Singh (9th Edn): 71 | Difore's Histology (12th Edn): 122, 140, 141

Turner's syndrome.

G.P Pal (3rd Edn): 69 | S.S Gangane (5th Edn): 79-82

Arterial supply of the suprarenal gland.

Gray's Anatomy (3rd Edn): 386 | B.D Chaurasia (8th Edn)(Vol-2) : 384 | Vishram Singh (3rd Edn): 176 (Vol-2)

Mention supply of the uterus.

Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-2) : 354 | Vishram Singh (3rd Edn): 245 (Vol-2)

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M.B.B.S DEGREE EXAMINATION

July - 2013

First M.B.B.S Examination ANATOMY

PAPER - I

Time: 2½ Hours

Note : Answer all questions : Illustrate your answer with suitable diagrams.

1. Classify white matter of cerebrum. Write in detail about corpus callosum. [3 + 7 = 10]

B.D Chaurasia (3rd Edn) (Vol-4) : 159, 160 | Vishram Singh (3rd Edn) : 389 (Vol-3), Neuroanatomy (3rd Edn) : 160

2. Describe the ulnar nerve under the following, [2 + 2 + 1 + 2 + 2 = 10]

Headings :

- (a) Course (b) Relations
(c) Branches (d) Applied anatomy.

Gray's Anatomy (3rd Edn) : 742, 814 | B.D Chaurasia (8th Edn) (Vol-1) : 194 | Vishram Singh (3rd Edn) : 172 (Vol-1)

WRITE BRIEFLY ON

3. Ligamentum denticulatum. [5 × 4 = 20]

B.D Chaurasia (3rd Edn) (Vol-3) : 190 | Vishram Singh (3rd Edn) : 303 (Vol-3), Neuroanatomy (3rd Edn) : 54

4. Maxillary air sinus.

Gray's Anatomy (3rd Edn) : 1076 | B.D Chaurasia (8th Edn) (Vol-3) : 278 | Vishram Singh (3rd Edn) : 261 (Vol-3)

5. Development of hypophysis cerebri.

Embryology L.B Singh (11th Edn) : 314

6. Microscopic anatomy of hyaline cartilage.

Histology L.B Singh (9th Edn) : 61 | Difiore's Histology (12th Edn) : 109-115, 121

7. Nasopharynx.

Gray's Anatomy (3rd Edn) : 1046 | B.D Chaurasia (7th Edn) (Vol-3) : 236 | Vishram Singh (3rd Edn) : 198 (Vol-3)

8. Chorion.

Embryology L.B Singh (11th Edn) : 79

9. Artery of cerebral haemorrhage.

Vishram Singh (3rd Edn) : 392 (Vol-3)

10. Prechordal plate.

Embryology L.B Singh (11th Edn) : 56, 65

11. Actions of thenar muscles.

Gray's Anatomy (3rd Edn) : 808, 809 | B.D Chaurasia (8th Edn) (Vol-1) : 127 | Vishram Singh (3rd Edn) : 153 (Vol-1)

12. Corpora quadrigemina.

Vishram Singh (3rd Edn) : 367 (Vol-3), Neuroanatomy (3rd Edn) : 202

WRITE BRIEFLY ON

- [5 × 2 = 10]

1. Pleural recesses.

Gray's Anatomy (3rd Edn) : 167 | B.D Chaurasia (8th Edn) (Vol-1) : 229 (Vol-1)

2. Foramen of Winslow.

B.D Chaurasia (8th Edn) (Vol-2) : 282

3. Cruciate anastomosis.

Gray's Anatomy (3rd Edn) : 601 | B.D Chaurasia (8th Edn) (Vol-2) : 85 | Vishram Singh (3rd Edn) : 369 (Vol-2)

4. Tensor fascia lata.

Gray's Anatomy (3rd Edn) : 575 | B.D Chaurasia (8th Edn) (Vol-2) : 78, 79 | Vishram Singh (3rd Edn) : 358 (Vol-2)

5. Sinuses of pericardium.

Gray's Anatomy (3rd Edn) : 183 | B.D Chaurasia (8th Edn) (Vol-1) : 284 | Vishram Singh (3rd Edn) : 258 (Vol-1)

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PAPER - II

Max. Marks: 50

[6 + 4 = 10]

1. Describe the arches of foot and its applied anatomy.

Gray's Anatomy (3rd Edn) : 648 | B.D Chaurasia (8th Edn) (Vol-2) : 189 | Vishram Singh (3rd Edn) : 430 (Vol-2)

2. Describe the visceral surface of the liver. Add a note on the development and microscopic appearance of liver.

[4 + 3 + 3 = 10]

Gray's Anatomy (3rd Edn) : 330 | B.D Chaurasia (8th Edn) (Vol-2) : 357, 361, 362 | Vishram Singh (3rd Edn) : 107 (Vol-2)

WRITE SHORT NOTE ON

[5 × 4 = 20]

3. Coronary sinus.

Gray's Anatomy (3rd Edn) : 199 | B.D Chaurasia (8th Edn) (Vol-1) : 302 | Vishram Singh (3rd Edn) : 286 (Vol-2)

4. Internal mammary artery.

B.D Chaurasia (8th Edn) (Vol-1) : 333 | Vishram Singh (3rd Edn) : 41 (Vol-1)

5. Development of pancreas.

Embryology L.B Singh (11th Edn) : 190-198 | Vishram Singh (3rd Edn) : 131 (Vol-2)

6. Barr - Body.

G.P Pal (3rd Edn) : 26 | S.S Gangane (3rd Edn) : 31

7. Relations and histology of ovaries.

Histology L.B Singh (9th Edn) : 282 | Difiore's Histology (12th Edn) : 505-519

WRITE BRIEFLY ON

[5 × 2 = 10]

8. Pleural recesses.

Gray's Anatomy (3rd Edn) : 167 | B.D Chaurasia (8th Edn) (Vol-1) : 229 (Vol-1)

9. Foramen of Winslow.

B.D Chaurasia (8th Edn) (Vol-2) : 282

10. Cruciate anastomosis.

Gray's Anatomy (3rd Edn) : 601 | B.D Chaurasia (8th Edn) (Vol-2) : 85 | Vishram Singh (3rd Edn) : 369 (Vol-2)

11. Tensor fascia lata.

Gray's Anatomy (3rd Edn) : 575 | B.D Chaurasia (8th Edn) (Vol-2) : 78, 79 | Vishram Singh (3rd Edn) : 358 (Vol-2)

12. Sinuses of pericardium.

Gray's Anatomy (3rd Edn) : 183 | B.D Chaurasia (8th Edn) (Vol-1) : 284 | Vishram Singh (3rd Edn) : 258 (Vol-1)

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November - 2012

First M.B.B.S Examination ANATOMY PAPER - I

N T R U H S

Time: 2½ Hours

Note : Answer all questions; Illustrate your answer with suitable diagram.

Max. Marks: 50

1. Describe the tongue under following,

Heading :

(a) Surface features

(b) Musculature

(c) Nerve supply

(d) Development.

[3 + 3 + 2 + 2 = 10]

1. Describe the boundaries and contents of popliteal fossa.

Describe origin, course and branches of popliteal artery. [5 + 5 = 10]

Gray's Anatomy (3rd Edn); 117 | B.D Chaurasia (8th Edn)(Vol-2); 87, 89 | Vishram Singh (3rd Edn); 169 (Vol-2)

2. Describe the uterus under the following,

Headings :

(a) Gross features

(b) Relations

(c) Supports

(d) Development.

[2 + 2 + 1 + 2 + 2 = 10]

Gray's Anatomy (3rd Edn); 748 | B.D Chaurasia (8th Edn)(Vol-2); 59 | Vishram Singh (3rd Edn); 52 (Vol-2)

3. Describe brachial plexus under the following,

Headings :

(a) Formation

(b) Relations

(c) Branches

(d) Applied anatomy.

[2 + 2 + 1 + 2 + 2 = 10]

Gray's Anatomy (3rd Edn); 748 | B.D Chaurasia (8th Edn)(Vol-2); 148 | Vishram Singh (3rd Edn); 117 (Vol-2)

4. Describe supinators of forearm.

B.D Chaurasia (8th Edn)(Vol-2); 208 | Vishram Singh (3rd Edn); 239 (Vol-2)

5. Describe suprarenal gland.

B.D Chaurasia (8th Edn)(Vol-2); 298 | Vishram Singh (3rd Edn); 274 (Vol-2)

6. Describe differences between the left and right lungs.

B.D Chaurasia (8th Edn)(Vol-2); 208 | Vishram Singh (3rd Edn); 239 (Vol-2)

7. Describe arterial supply of heart.

B.D Chaurasia (8th Edn)(Vol-2); 298 | Vishram Singh (3rd Edn); 274 (Vol-2)

8. Describe microscopic anatomy of suprarenal gland.

Histology I.B Singh (3rd Edn); 360 | Diff'rent Histology (12th Edn); 471

9. Describe arterial supply of testis.

Histology I.B Singh (3rd Edn); 252 | Diff'rent Histology (12th Edn); 477-491

10. Describe femoral sheath.

Grey's Anatomy (3rd Edn); 573 | B.D Chaurasia (8th Edn)(Vol-2); 276 | Vishram Singh (3rd Edn); 335 (Vol-2)

11. Describe definition of mesentery.

Grey's Anatomy (3rd Edn); 309 | B.D Chaurasia (8th Edn)(Vol-2); 276 | Vishram Singh (3rd Edn); 79 (Vol-2)

12. Describe movements at ankle joint.

Grey's Anatomy (3rd Edn); 638 | B.D Chaurasia (8th Edn)(Vol-2); 171 | Vishram Singh (3rd Edn); 450 (Vol-2)

13. Describe cribiform fascia.

Grey's Anatomy (3rd Edn); 207 | B.D Chaurasia (8th Edn)(Vol-2); 206 | Vishram Singh (3rd Edn); 450 (Vol-2)

14. Describe contents of spermatic cord.

Grey's Anatomy (3rd Edn); 692 | B.D Chaurasia (8th Edn)(Vol-1); 78 | Vishram Singh (3rd Edn); 65 (Vol-2)

15. Describe action of lumbriicals.

Grey's Anatomy (3rd Edn); 810 | B.D Chaurasia (8th Edn)(Vol-1); 111 | Vishram Singh (3rd Edn); 140, 141 (Vol-1)

16. Describe winging of scapula.

Grey's Anatomy (3rd Edn); 727 | B.D Chaurasia (8th Edn)(Vol-1); 13 | Vishram Singh (3rd Edn); 37 (Vol-1)

17. Describe insula.

B.D Chaurasia (8th Edn); 138 | Vishram Singh (3rd Edn); 387 (Vol-2), Neuroanatomy (3rd Edn); 141

18. Describe arcuate nucleus.

Vishram Singh (3rd Edn); 364 (Vol-2)

19. Describe rotator cuff.

Gray's Anatomy (3rd Edn); 692 | B.D Chaurasia (8th Edn)(Vol-1); 78 | Vishram Singh (3rd Edn); 65 (Vol-2)

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July - 2012

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Time: 2½ Hours

1. Describe the extra ocular muscles under the following,

$$[3 + 3 + 2 + 2 = 10]$$

Heading :

- (a) Origin
(b) Insertion
(c) Nerve supply
(d) Action.

Gray's Anatomy (3rd Edn): 936 | B.D Chaurasia (8th Edn)(Vol-3): 232 | Vishram Singh (3rd Edn): 284 (Vol-3)

2. Write about the gross anatomy, lymphatic drainage and applied aspects of mammary gland.

$$[4 + 3 + 3 = 10]$$

WRITE SHORT NOTE ON

3. Inferior horn of lateral ventricle.
B.D Chaurasia (8th Edn)(Vol-4): 173 | Vishram Singh (3rd Edn): 393 (Vol-3), Neuroanatomy (3rd Edn): 128

4. Decidua.

Embryology J.B Singh (11th Edn): 77

5. First pharyngeal arch.
Embryology J.B Singh (11th Edn): 346

6. Microscopic appearance of muscular artery.

Histology J.B Singh (9th Edn): 132 | Difford's Histology (12th Edn): 224-225, 236

7. Fornix.

Gray's Anatomy (3rd Edn): 930 | Vishram Singh (3rd Edn): 399 (Vol-3)

WRITE BRIEFLY ON

$$[5 \times 2 = 10]$$

8. Axillary sheath.

Gray's Anatomy (3rd Edn): 731 | B.D Chaurasia (8th Edn)(Vol-1): 53

9. Middle radio-ulnar joint.

Gray's Anatomy (3rd Edn): 774 | B.D Chaurasia (8th Edn)(Vol-1): 169 | Vishram Singh (3rd Edn): 126, 127 (Vol-1)

10. Little's area.

B.D Chaurasia (8th Edn)(Vol-3): 273 | Vishram Singh (3rd Edn): 256 (Vol-3)

11. Foramen caecum.

Vishram Singh (3rd Edn): 315 (Vol-3)

12. Filum terminale.

Vishram Singh (3rd Edn): 303 (Vol-3)

N T R U H S

M.B.B.S DEGREE EXAMINATION

July - 2012

First M.B.B.S Examination ANATOMY PAPER - II

Note : Answer all questions; Illustrate your answer with suitable diagrams.

1. Describe the extra ocular muscles under the following,

$$[6 + 4 = 10]$$

Heading :

- (a) Origin
(b) Insertion
(c) Nerve supply
(d) Action.

Gray's Anatomy (3rd Edn): 139 | B.D Chaurasia (8th Edn)(Vol-1): 38 | Vishram Singh (3rd Edn): 38 (Vol-1)

2. Write about the gross anatomy, lymphatic drainage and applied aspects of mammary gland.

$$[5 \times 4 = 20]$$

WRITE SHORT NOTE ON

3. Inferior horn of lateral ventricle.

B.D Chaurasia (8th Edn)(Vol-4): 173 | Vishram Singh (3rd Edn): 393 (Vol-3), Neuroanatomy (3rd Edn): 128

4. Decidua.

Embryology J.B Singh (11th Edn): 77

5. First pharyngeal arch.

Embryology J.B Singh (11th Edn): 346

6. Microscopic appearance of muscular artery.

Histology J.B Singh (9th Edn): 132 | Difford's Histology (12th Edn): 224-225, 236

7. Fornix.

Gray's Anatomy (3rd Edn): 930 | Vishram Singh (3rd Edn): 399 (Vol-3)

WRITE BRIEFLY ON

8. Axillary sheath.

Gray's Anatomy (3rd Edn): 731 | B.D Chaurasia (8th Edn)(Vol-1): 53

9. Middle radio-ulnar joint.

Gray's Anatomy (3rd Edn): 774 | B.D Chaurasia (8th Edn)(Vol-1): 169 | Vishram Singh (3rd Edn): 126, 127 (Vol-1)

10. Little's area.

B.D Chaurasia (8th Edn)(Vol-3): 273 | Vishram Singh (3rd Edn): 256 (Vol-3)

11. Foramen caecum.

Vishram Singh (3rd Edn): 315 (Vol-3)

12. Filum terminale.

Vishram Singh (3rd Edn): 303 (Vol-3)

Max. Marks: 50

1. Describe the pelvic diaphragm and its applied anatomy.

$$[6 + 4 = 10]$$

Gray's Anatomy (3rd Edn): 429 | B.D Chaurasia (8th Edn)(Vol-2): 495 | Vishram Singh (3rd Edn): 209 (Vol-2)

2. Describe the internal feature of right atrium and give its development.

$$[5 + 5 = 10]$$

Gray's Anatomy (3rd Edn): 190, 191 | B.D Chaurasia (8th Edn)(Vol-1): 289, 290 | Vishram Singh (3rd Edn): 265 (Vol-1)

WRITE SHORT NOTE ON

3. Dorsalis pedis artery.

Gray's Anatomy (3rd Edn): 658 | B.D Chaurasia (8th Edn)(Vol-2): 115 | Vishram Singh (3rd Edn): 394 (Vol-2)

4. Popliteus muscle.

Gray's Anatomy (3rd Edn): 623 | B.D Chaurasia (8th Edn)(Vol-2): 125, 129 | Vishram Singh (3rd Edn): 412 (Vol-2)

5. Microscopic structure of lung.

B.D Chaurasia (8th Edn)(Vol-1): 273, Vishram Singh (3rd Edn)(Vol-1): 236

6. Down syndrome.

G.P Pad (3rd Edn): 66 | S.S Gangane (3rd Edn): 75-78

7. Femoral sheath.

Gray's Anatomy (3rd Edn): 573 | B.D Chaurasia (8th Edn)(Vol-2): 53 | Vishram Singh (3rd Edn): 335 (Vol-2)

WRITE BRIEFLY ON

8. Metaphysis.

Embryology I.B Singh (11th Edn): 111

9. Douglas pouch.

Gray's Anatomy (3rd Edn): 483 | B.D Chaurasia (8th Edn)(Vol-2): 285 | Vishram Singh (3rd Edn): 87 (Vol-2)

10. Ligamentum arteriosum.

Gray's Anatomy (3rd Edn): 216 | B.D Chaurasia (8th Edn)(Vol-1): 316, 317

11. Trochanteric anastomosis.

B.D Chaurasia (8th Edn)(Vol-2): 84 | Vishram Singh (3rd Edn)(Vol-2): 369

12. Pulmonary ligament.

B.D Chaurasia (8th Edn)(Vol-1): 260 | Vishram Singh (3rd Edn): 227 (Vol-1)

M.B.B.S DEGREE EXAMINATION

January - 2012

First M.B.B.S Examination ANATOMY

PAPER - I

Time: 2½ Hours

[3 + 2 + 3 + 2 = 10]

1. Describe thyroid gland under the following, [3 + 2 + 3 + 2 = 10]

Heading :

- (a) Gross features
- (b) Relations
- (c) Blood supply
- (d) Applied aspects.

Gray's Anatomy (3rd Edn): 1017, 1021, 1019 | B.D Chaurasia (8th Edn)(Vol-3) : 153-159 | Vishram Singh (3rd Edn): 155 (Vol-3)

2. Describe the course, relations, branches and applied anatomy of ulnar nerve. [2 + 3 + 3 + 2 = 10]

Gray's Anatomy (3rd Edn): 742, 814 | B.D Chaurasia (8th Edn)(Vol-1) : 194 | Vishram Singh (3rd Edn): 172 (Vol-2)

WRITE SHORT NOTE ON

3. Flexor retinaculum of hand. [5 × 4 = 20]

Gray's Anatomy (3rd Edn): 780, 826 | B.D Chaurasia (8th Edn)(Vol-10) : 124 | Vishram Singh (3rd Edn): 103 (Vol-1)

4. Lateral ventricle.

B.D Chaurasia (8th Edn)(Vol-4) : 169 | Vishram Singh (3rd Edn): 392 (Vol-3), Neuroanatomy (3rd Edn): 165

5. Development of tongue and its nerve supply.

Gray's Anatomy (3rd Edn): 1095 | B.D Chaurasia (8th Edn)(Vol-3) : 303-305 | Vishram Singh (3rd Edn): 188 (Vol-3)

6. Histology of lymph node.

Histology I.B Singh (3rd Edn): 101 | Diffores Histology (12th Edn): 238, 239, 252-258

7. Spinator muscle.

Gray's Anatomy (3rd Edn): 776 | B.D Chaurasia (8th Edn)(Vol-1) : 157 | Vishram Singh (3rd Edn): 117 (Vol-1)

8. Boundaries of cubital fossa.

Gray's Anatomy (3rd Edn): 768 | B.D Chaurasia (8th Edn)(Vol-1) : 103 | Vishram Singh (3rd Edn): 97 (Vol-1)

9. Parotid duct.

Gray's Anatomy (3rd Edn): 913 | B.D Chaurasia (8th Edn)(Vol-3) : 119 | Vishram Singh (3rd Edn): 111 (Vol-3)

10. Cauda equina.

Vishram Singh (3rd Edn): 304 (Vol-3)

11. Formation and termination of superficial palmar arch.

Gray's Anatomy (3rd Edn): 812 | B.D Chaurasia (8th Edn)(Vol-1) : 133 | Vishram Singh (3rd Edn): 142 (Vol-1)

12. Branches of radial nerve in the radial groove.

Gray's Anatomy (3rd Edn): 761 | B.D Chaurasia (8th Edn)(Vol-1) : 194 | Vishram Singh (3rd Edn): 106, 107 (Vol-1)

N T R U H S

M.B.B.S DEGREE EXAMINATION

January - 2012

First M.B.B.S Examination

ANATOMY

PAPER - II

Note : Answer all questions : Illustrate your answer with suitable diagrams.

Max. Marks: 50

[3 + 3 + 3 + 1 = 10]

1. Describe femoral artery under the following, [3 + 3 + 3 + 1 = 10]

Headings :

- (a) Origin and course
- (b) Relations
- (c) Branches
- (d) Clinical importance.

Gray's Anatomy (3rd Edn): 566 | B.D Chaurasia (8th Edn)(Vol-2) : 55 | Vishram Singh (3rd Edn): 338 (Vol-2)

2. Describe uterus under the following, [3 + 3 + 2 + 2 = 10]

Headings :

- (a) Ligaments
- (b) Blood supply
- (c) Lymphatic drainage
- (d) Applied aspects.

Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-2) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)

WRITE SHORT NOTE ON

3. Pericardium

Gray's Anatomy (3rd Edn): 182 | B.D Chaurasia (8th Edn)(Vol-1) : 283 | Vishram Singh (3rd Edn): 257 (Vol-1)

4. Histology of kidney.

Histology I.B Singh (3rd Edn): 224 | Diffores Histology (12th Edn): 238, 239, 252-258

5. Turner's syndrome.

G.P Pal (3rd Edn): 69 | S.S Gangane (3rd Edn): 79-82

6. Development of urinary bladder.

Gray's Anatomy (3rd Edn): 463 | B.D Chaurasia (8th Edn)(Vol-2) : 442 | Vishram Singh (3rd Edn): 238 (Vol-2)

7. Stomach bed.

Gray's Anatomy (3rd Edn): 295, 296 | Vishram Singh (3rd Edn)(Vol-2) : 295, 296 | Vishram Singh (3rd Edn): 225 (Vol-2)

WRITE BRIEFLY ON

8. Name the derivatives of mesonephric duct.

Embryology I.B Singh (11th Edn): 270-282

9. Perineal body.

Gray's Anatomy (3rd Edn): 459 | B.D Chaurasia (8th Edn)(Vol-2) : 410 | Vishram Singh (3rd Edn): 225 (Vol-2)

[5 × 2 = 10]

10. Hiltons Law.
11. Openings in the diaphragm.
12. Positions of appendix.

Gray's Anatomy (3rd Edn): 812 | B.D Chaurasia (8th Edn)(Vol-1) : 133 | Vishram Singh (3rd Edn): 142 (Vol-1)

Gray's Anatomy (3rd Edn): 300 | B.D Chaurasia (8th Edn)(Vol-2) : 388

Gray's Anatomy (3rd Edn): 761 | B.D Chaurasia (8th Edn)(Vol-1) : 194 | Vishram Singh (3rd Edn): 106, 107 (Vol-1)

M.B.B.S DEGREE EXAMINATION

July - 2011

**First M.B.B.S Examination
ANATOMY****PAPER - I****Time: 2½ Hours****Note : Answer all questions : Illustrate your answer with suitable diagrams.****Max. Marks: 50**

- 1. Describe axillary artery under the following, [2 + 4 + 2 + 2 = 10]**

- Heading :**
 (a) Course
 (c) Branches
 (d) Applied anatomy.

- 2. Name the muscles of mastication. Given the [2 + 2 + 1 + 2 + 3 = 10]**

- (a) Origin
 (b) Insertion
 (c) Actions
 (d) Actions
 (e) Relations of lateral pterygoid muscle.

Gray's Anatomy (3rd Edn): 977 | B.D Chaurasia (8th Edn)(Vol-3) : 124 | Vishram Singh (3rd Edn): 148 (Vol-3)

- WRITE SHORT NOTE ON [5 x 4 = 20]**

3. Nasal septum.

Gray's Anatomy (3rd Edn): 1076 | B.D Chaurasia (8th Edn)(Vol-3) : 273 | Vishram Singh (3rd Edn): 233 (Vol-3)

4. Histology of palatine tonsil.

Histology I.B Singh (3rd Edn): 109 | Diffore's Histology (12th Edn): 293

5. Mesodermal derivatives of II Brachial arch.

Embryology I.B Singh (11th Edn): 155

6. Clavipectoral fascia.

Gray's Anatomy (3rd Edn): 725 | Vishram Singh (3rd Edn): 37 (Vol-1)

7. Floor of IV ventricle of brain.

Vishram Singh (3rd Edn): 374 (Vol-3), Neuroanatomy (3rd Edn): 378 | Embryology I.B Singh (11th Edn): 119 B.D (18th Edn)(Vol-4) : 128

- WRITE BRIEFLY ON**

8. Circumvallate papillae.

Gray's Anatomy (3rd Edn): 1095 | B.D Chaurasia (8th Edn)(Vol-3) : 300 | Vishram Singh (3rd Edn): 189 (Vol-1)

9. Nerve supply and action of deltoid.

Gray's Anatomy (3rd Edn): 714 | B.D Chaurasia (8th Edn)(Vol-1) : 75 | Vishram Singh (3rd Edn): 63 (Vol-1)

10. Sinuses opening into middle meatus of nose.

Gray's Anatomy (3rd Edn): 1071 | B.D Chaurasia (8th Edn)(Vol-3) : 275 | Vishram Singh (3rd Edn): 255 (Vol-3)

11. External jugular vein.

Gray's Anatomy (3rd Edn): 1024 | Vishram Singh (3rd Edn): 71 (Vol-3)

12. Styloid process.

Gray's Anatomy (3rd Edn): 862 | B.D Chaurasia (8th Edn)(Vol-3) : 44 | Vishram Singh (3rd Edn): 101 (Vol-1)

Gray's Anatomy (3rd Edn): 287 | B.D Chaurasia (8th Edn)(Vol-1) : 257 | Vishram Singh (3rd Edn): 226 (Vol-1)

PAPER - II

Max. Marks: 50

- 1. Heading :**
2. Course
3. Branches
4. Applied anatomy.

- 5. Describe the hip joint under the following,**

Headings :

- (a) Articular surfaces
 (b) Ligaments
 (c) Movements
 (d) Applied anatomy.

- 6. Headings :**

- (a) Articular surfaces
 (b) Ligaments
 (c) Movements
 (d) Applied anatomy.

[5 x 4 = 20]

- 7. Greater omentum-attachments, contents and functions.**

- 8. Supports of uterus.**

- 9. Supports of duodenum.**

- 10. Histology I.B Singh (3rd Edn): 197 | Diffore's Histology (12th Edn): 336-346**

- 11. Karyotyping.**

- 12. Popliteal muscle.**

- 13. Epipoic foramen.**

- 14. Pleura.**

[5 x 2 = 10]

- 15. Mention the derivatives of mesonephric duct in male.**

- 16. Iliofemoral ligament.**

- 17. Epiptoe foramen.**

- 18. Pleura.**

Gray's Anatomy (3rd Edn): 163 | B.D Chaurasia (8th Edn)(Vol-1) : 257 | Vishram Singh (3rd Edn): 226 (Vol-1)

Gray's Anatomy (3rd Edn): 287 | B.D Chaurasia (8th Edn)(Vol-1) : 247 | Vishram Singh (3rd Edn): 36 (Vol-2)

M.B.B.S DEGREE EXAMINATION

January - 2011

First M.B.B.S Examination ANATOMY

PAPER - I

Time: 2½ Hours

1. Discuss brachial plexus under following,
Heading :

- (a) Formation
- (b) Relations
- (c) Branches
- (d) Applied aspects.

Gray's Anatomy (3rd Edn): 738 | B.D Chaurasia (8th Edn)(Vol-1) : 59 | Vishram Singh (3rd Edn): 52 (Vol-1)

2. Discuss lateral wall of nasal cavity under following,

[2 + 2 + 1 + 2 + 3 = 10]

- (a) Features
- (b) Nerve supply
- (c) Blood supply
- (d) Applied aspect.

Gray's Anatomy (3rd Edn): 1069, 1083, 1086 | B.D Chaurasia (8th Edn)(Vol-3) : 274 | Vishram Singh (3rd Edn): 256 (Vol-3)

WRITE SHORT NOTE ON

3. Histology of thymus.

Histology I.B Singh (2nd Edn): 106 | Diffore's Histology (12th Edn): 240-259

4. Ciliary ganglion.

Gray's Anatomy (3rd Edn): 946 | B.D Chaurasia (8th Edn)(Vol-3) : 240 | Vishram Singh (3rd Edn): 289 (Vol-3)

5. Lateral pterygoid muscle.

Gray's Anatomy (3rd Edn): 983 | B.D Chaurasia (8th Edn)(Vol-3) : 126 | Vishram Singh (3rd Edn): 134 (Vol-3)

6. Primitive streak.

Embryology I.B Singh (11th Edn): 56

7. Distribution of ulnar nerve in the hand.

Gray's Anatomy (3rd Edn): 742, 814 | B.D Chaurasia (8th Edn)(Vol-1) : 136 | Vishram Singh (3rd Edn): 172 (Vol-1)

WRITE BRIEFLY ON

8. Blood supply of mammary gland.

Gray's Anatomy (3rd Edn): 139 | B.D Chaurasia (8th Edn)(Vol-1) : 40 | Vishram Singh (3rd Edn): 41 (Vol-1)

9. Jugular foramen - structures passing.

Gray's Anatomy (3rd Edn): 870 | Vishram Singh (3rd Edn): 319 (Vol-3)

10. Name the cartilages of larynx.

Gray's Anatomy (3rd Edn): 1054 | B.D Chaurasia (8th Edn)(Vol-3) : 287 | Vishram Singh (3rd Edn): 217 (Vol-3)

11. Name all the muscles of pharynx.

Gray's Anatomy (3rd Edn): 1042 | B.D Chaurasia (8th Edn)(Vol-3) : 263 | Vishram Singh (3rd Edn): 202 (Vol-3)

12. Diagram of circle of Willis.

B.D Chaurasia (8th Edn)(Vol-4) : 191 | Vishram Singh (3rd Edn): 401 (Vol-3). Neuroanatomy (3rd Edn): 169

N T R U H S

January - 2011
First M.B.B.S Examination
ANATOMY
PAPER - II

Note : Answer all questions : Illustrate your answer with suitable diagrams.

Max. Marks: 50
[6 + 4 = 10]

1. Discuss right atrium under following,
Headings :

- (a) Gross features
- (b) Development.
- (c) Bursae
- (d) Movements

Gray's Anatomy (3rd Edn): 190, 191 | B.D Chaurasia (8th Edn)(Vol-2) : 283-290 | Vishram Singh (3rd Edn): 265 (Vol-2)

2. Discuss knee joint under following,
Headings :

- (a) Ligaments
- (b) Movements
- (c) Bursae
- (d) Applied anatomy.

Gray's Anatomy (3rd Edn): 606 | B.D Chaurasia (8th Edn)(Vol-2) : 167 | Vishram Singh (3rd Edn): 437 (Vol-2)

WRITE SHORT NOTE ON

3. Down's syndrome.
G.P.Pal (3rd Edn): 66 | S.S Gangane (5th Edn): 75-78

4. Ureter.
Gray's Anatomy (3rd Edn): 379 | B.D Chaurasia (8th Edn)(Vol-2) : 376 | Vishram Singh (3rd Edn): 170 (Vol-2)

5. Histology of spleen.
Histology I.B Singh (9th Edn): 103, 104 | Diffore's Histology (12th Edn): 239-259

6. Ligaments of liver.
B.D Chaurasia (7th Edn): 335 | Vishram Singh (3rd Edn): 109 (Vol-2)

7. Classification of cartilage.
Histology I.B Singh (9th Edn): 61 | Diffore's Histology (12th Edn): 108, 109-121

WRITE BRIEFLY ON

8. Sertoli cells.
Gray's Anatomy (3rd Edn): 460 (Vol-2)

9. Inguinal lymph nodes.
Gray's Anatomy (3rd Edn): 570 | B.D Chaurasia (8th Edn)(Vol-2) : 152, 153 | Vishram Singh (3rd Edn): 327, 335

10. Trigone of urinary bladder.
Gray's Anatomy (3rd Edn): 463 | B.D Chaurasia (8th Edn)(Vol-2) : 436 | Vishram Singh (3rd Edn): 235 (Vol-2)

11. Dorsalis pedis artery.
Gray's Anatomy (3rd Edn): 658 | B.D Chaurasia (8th Edn)(Vol-2) : 115 | Vishram Singh (3rd Edn): 394 (Vol-2)

12. Name the branches of femoral nerve.
Gray's Anatomy (3rd Edn): 563 | B.D Chaurasia (8th Edn)(Vol-2) : 333-334 | Vishram Singh (3rd Edn): 333-334 (Vol-2)

M.B.B.S DEGREE EXAMINATION

July - 2010

First M.B.B.S Examination

ANATOMY

PAPER - I

Time: 2½ Hours

1. Describe the gross anatomy of mammary gland. Add a note on its development. [8 + 2 = 10]

Gray's Anatomy (3rd Edn): 139 | B.D Chaurasia (8th Edn)(Vol-1) : 38 | Vishram Singh (3rd Edn): 38, 44 (Vol-1)

2. Enumerate the dural venous sinuses. Describe the tributaries, connections and applied anatomy of "Cavernous Sinus". [3 + 7 = 10]

Gray's Anatomy (3rd Edn): 886-889 | B.D Chaurasia (8th Edn)(Vol-3) : 216 | Vishram Singh (3rd Edn): 323-325 (Vol-3)

[5 × 4 = 20]

WRITE SHORT NOTE ON

3. Flax cerebri.

Gray's Anatomy (3rd Edn): 874 | B.D Chaurasia (8th Edn)(Vol-3) : 213 | Vishram Singh (3rd Edn): 320 (Vol-3)

4. Histology of parotid salivary gland.

Histology I.B Singh (9th Edn): 154 | Difore's Histology (12th Edn): 303

5. Lumbricals of hand.

Gray's Anatomy (3rd Edn): 998 | B.D Chaurasia (8th Edn)(Vol-3) : 127 | Vishram Singh (3rd Edn): 136 (Vol-3)

6. Maxillary artery.

Embryology I.B Singh (11th Edn): 28

WRITE BRIEFLY ON

7. Spermatogenesis.

Gray's Anatomy (3rd Edn): 702 | B.D Chaurasia (8th Edn)(Vol-1) : 9 | Vishram Singh (3rd Edn): 16 (Vol-1)

8. Coracoid process of scapula.

Gray's Anatomy (3rd Edn): 1125

9. Association fibres of brain.

B.D Chaurasia (8th Edn)(Vol-4) : 191 | Vishram Singh (3rd Edn): 390 (Vol-3), Neuroanatomy (3rd Edn): 159

10. Facial cleft.

Gray's Anatomy (3rd Edn): 174 | B.D Chaurasia (8th Edn)(Vol-1) : 284 | Vishram Singh (3rd Edn): 243 (Vol-1)

11. Ansa cervicalis.

Gray's Anatomy (3rd Edn): 433 | B.D Chaurasia (7th Edn): 267 | Vishram Singh (3rd Edn): 93 (Vol-2)

12. Emissary veins.

Gray's Anatomy (3rd Edn): 392 | B.D Chaurasia (8th Edn)(Vol-3) : 66

Note : Answer all questions : Illustrate your answer with suitable diagrams.

[2 + 2 + 2 + 2 + 2 = 10]

1. Describe the hip joint under following, Headings :

- (a) Type and formations
(b) Ligaments
(c) Relations
(d) Movements

Applied anatomy.

- Gray's Anatomy (3rd Edn): 538 | B.D Chaurasia (8th Edn)(Vol-2) : 162 | Vishram Singh (3rd Edn): 375 (Vol-2)
2. Describe the thoraco-abdominal diaphragms under following, Headings :

- (a) Origin
(b) Insertion
(c) Nerve supply
(d) Function and development

Applied anatomy.

- Gray's Anatomy (3rd Edn): 369 | B.D Chaurasia (8th Edn)(Vol-2) : 388
- WRITE SHORT NOTE ON**

3. Histology of testis.

Histology I.B Singh (9th Edn): 219 | Difore's Histology (12th Edn): 477-491

4. Thoracic duct.

B.D Chaurasia (8th Edn)(Vol-1) : 327

5. Coeliac trunk.

Gray's Anatomy (3rd Edn): 344 | B.D Chaurasia (8th Edn)(Vol-2) : 323 | Vishram Singh (3rd Edn): 183 (Vol-2)

6. Porto-caval anstomosis.

Gray's Anatomy (3rd Edn): 275 | B.D Chaurasia (8th Edn)(Vol-2) : 331 | Vishram Singh (3rd Edn): 135 (Vol-2)

7. Hamstring muscles.

Gray's Anatomy (3rd Edn): 665 | B.D Chaurasia (8th Edn)(Vol-2) : 96 | Vishram Singh (3rd Edn): 365 (Vol-2)

WRITE BRIEFLY ON

8. Transverse sinus of pericardium.

Gray's Anatomy (3rd Edn): 183 | B.D Chaurasia (8th Edn)(Vol-1) : 284 | Vishram Singh (3rd Edn): 258 (Vol-1)

9. Blood supply of lungs.

Gray's Anatomy (3rd Edn): 174 | B.D Chaurasia (8th Edn)(Vol-1) : 267-268 | Vishram Singh (3rd Edn): 243 (Vol-1)

10. Stomach bed.

Gray's Anatomy (3rd Edn): 310 | B.D Chaurasia (8th Edn)(Vol-2) : 285 | Vishram Singh (3rd Edn): 93 (Vol-2)

11. Recto-uterine pouch.

Gray's Anatomy (3rd Edn): 433 | B.D Chaurasia (7th Edn): 267 | Vishram Singh (3rd Edn): 87 (Vol-2)

12. In-vitro fertilization.

Embriology I.B Singh (11th Edn): 51

M.B.B.S DEGREE EXAMINATION

July - 2010

First M.B.B.S Examination

ANATOMY

PAPER - II

Max. Marks: 50

[2 + 2 + 2 + 2 + 2 = 10]

1. Describe the hip joint under following, Headings :

- (a) Type and formations
(b) Ligaments
(c) Relations
(d) Movements

Applied anatomy.

- Gray's Anatomy (3rd Edn): 538 | B.D Chaurasia (8th Edn)(Vol-2) : 162 | Vishram Singh (3rd Edn): 375 (Vol-2)
2. Describe the thoraco-abdominal diaphragms under following, Headings :

- (a) Origin
(b) Insertion
(c) Nerve supply
(d) Function and development

Applied anatomy.

- Gray's Anatomy (3rd Edn): 369 | B.D Chaurasia (8th Edn)(Vol-2) : 388
- WRITE SHORT NOTE ON**

3. Histology of testis.

Histology I.B Singh (9th Edn): 219 | Difore's Histology (12th Edn): 477-491

4. Thoracic duct.

B.D Chaurasia (8th Edn)(Vol-1) : 327

5. Coeliac trunk.

Gray's Anatomy (3rd Edn): 344 | B.D Chaurasia (8th Edn)(Vol-2) : 323 | Vishram Singh (3rd Edn): 183 (Vol-2)

6. Porto-caval anstomosis.

Gray's Anatomy (3rd Edn): 275 | B.D Chaurasia (8th Edn)(Vol-2) : 331 | Vishram Singh (3rd Edn): 135 (Vol-2)

7. Hamstring muscles.

Gray's Anatomy (3rd Edn): 665 | B.D Chaurasia (8th Edn)(Vol-2) : 96 | Vishram Singh (3rd Edn): 365 (Vol-2)

WRITE BRIEFLY ON

8. Transverse sinus of pericardium.

Gray's Anatomy (3rd Edn): 183 | B.D Chaurasia (8th Edn)(Vol-1) : 284 | Vishram Singh (3rd Edn): 258 (Vol-1)

9. Blood supply of lungs.

Gray's Anatomy (3rd Edn): 174 | B.D Chaurasia (8th Edn)(Vol-1) : 267-268 | Vishram Singh (3rd Edn): 243 (Vol-1)

10. Stomach bed.

Gray's Anatomy (3rd Edn): 310 | B.D Chaurasia (8th Edn)(Vol-2) : 285 | Vishram Singh (3rd Edn): 93 (Vol-2)

11. Recto-uterine pouch.

Gray's Anatomy (3rd Edn): 433 | B.D Chaurasia (7th Edn): 267 | Vishram Singh (3rd Edn): 87 (Vol-2)

12. In-vitro fertilization.

Embriology I.B Singh (11th Edn): 51

M.B.B.S DEGREE EXAMINATION

January - 2010

First M.B.B.S Examination

ANATOMY

PAPER - I

Time: 2½ Hours

Note : Answer all questions : Illustrate your answer with suitable diagrams.

1. Describe cavernous sinus under the following, [3 + 2 + 3 + 2 = 10]

Headings :

- (a) Relations
- (b) Contents
- (c) Tributaries
- (d) Applied aspects.

Gray's Anatomy (3rd Edn): 886-889 | B.D Chaurasia (8th Edn)(Vol-3) : 214 | Vishram Singh (3rd Edn): 324 (Vol-3)

2. Describe axillary nerve under the following, [3 + 2 + 3 + 2 = 10]

Headings :

- (a) Origin and course
- (b) Relations
- (c) Branches
- (d) Applied aspects.

Gray's Anatomy (3rd Edn): 719, 746 | B.D Chaurasia (8th Edn)(Vol-1) : 191, 192 | Vishram Singh (3rd Edn): 68 (Vol-1)

WRITE SHORT NOTE ON

3. Lumbriicals.

Gray's Anatomy (3rd Edn): 810 | B.D Chaurasia (8th Edn)(Vol-1) : 131 | Vishram Singh (3rd Edn): 140 (Vol-1)

4. Histology of cardiac muscle.

Histology I.B Singh (9th Edn): 91, 92 | Difore's Histology (12th Edn): 231

5. Fertilization.

Embryology I.B Singh (11th Edn): 46

6. Development of palate.

Embryology I.B Singh (11th Edn): 161

7. Anastomosis around elbow joint.

Gray's Anatomy (3rd Edn): 766 | B.D Chaurasia (8th Edn)(Vol-1) : 101 | Vishram Singh (3rd Edn): 95 (Vol-1)

WRITE BRIEFLY ON

8. Branches of axillary artery.

Gray's Anatomy (3rd Edn): 733 | B.D Chaurasia (8th Edn)(Vol-1) : 57 | Vishram Singh (3rd Edn): 48 (Vol-1)

9. Dorsal venous arch of hand.

Vishram Singh (3rd Edn): 149 (Vol-1)

10. Nuclei related to cerebellum.

Vishram Singh (3rd Edn): 373 (Vol-3), Neuroanatomy (3rd Edn): 112

11. Middle menatal openings.

Gray's Anatomy (3rd Edn): 963

12. Actions of superior oblique muscle of eye ball.

Gray's Anatomy (3rd Edn): 937 | B.D Chaurasia (8th Edn)(Vol-3) : 235 | Vishram Singh (3rd Edn): 284 (Vol-3)

N T R U H S

M.B.B.S DEGREE EXAMINATION

January - 2010

First M.B.B.S Examination

ANATOMY

PAPER - II

Max. Marks: 50

[2 + 3 + 3 + 2 = 10]

1. Describe typical intercostal space under the following, Headings :

- (a) Boundaries
- (b) Contents
- (c) Relations
- (d) Applied aspects.

Gray's Anatomy (3rd Edn): 150 | B.D Chaurasia (8th Edn)(Vol-1) : 245 | Vishram Singh (3rd Edn): 214 (Vol-1)

2. Describe stomach under the following, Headings :

- (a) Ligaments related
- (b) Blood supply
- (c) Lymphatic drainage
- (d) Applied aspects.

Gray's Anatomy (3rd Edn): 308, 310 | B.D Chaurasia (8th Edn)(Vol-2) : 294 | Vishram Singh (3rd Edn): 89 (Vol-2)

WRITE SHORT NOTE ON

3. Histology of liver.

Histology I.B Singh (9th Edn): 212 | Difore's Histology (12th Edn): 365-375

4. Karyotyping.

G.P Pal (3rd Edn): 27 | SS Gangane (5th Edn): 25-26

5. Interatrial septal development.

Embryology I.B Singh (11th Edn): 233

6. Ligaments related to knee joint.

Gray's Anatomy (3rd Edn): 612 | B.D Chaurasia (8th Edn)(Vol-2) : 167 | Vishram Singh (3rd Edn): 439 (Vol-2)

7. Great saphenous vein.

Gray's Anatomy (3rd Edn): 550 | B.D Chaurasia (8th Edn)(Vol-2) : 123 | Vishram Singh (3rd Edn): 436 (Vol-2)

WRITE BRIEFLY ON

8. Name the branches of femoral artery.

Gray's Anatomy (3rd Edn): 560 | B.D Chaurasia (8th Edn)(Vol-2) : 57 | Vishram Singh (3rd Edn): 338 (Vol-2)

9. Openings in the second part of duodenum.

Gray's Anatomy (3rd Edn): 312 | B.D Chaurasia (8th Edn)(Vol-2) : 306 | Vishram Singh (3rd Edn): 122 (Vol-2)

10. Coverings of testis.

Gray's Anatomy (3rd Edn): 470 | B.D Chaurasia (8th Edn)(Vol-2) : 263 | Vishram Singh (3rd Edn): 63 (Vol-2)

11. Root of mesentery.

Gray's Anatomy (3rd Edn): 309 | B.D Chaurasia (8th Edn)(Vol-2) : 276 | Vishram Singh (3rd Edn): 79 (Vol-2)

12. Insertion and action of peroneus longus.

B.D Chaurasia (3rd Edn)(Vol-2) : 177 | Vishram Singh (3rd Edn): 309 (Vol-2)

M.B.B.S DEGREE EXAMINATION

July - 2009

**First M.B.B.S Examination
ANATOMY
PAPER - I****Time: 2½ Hours****1. Describe the tongue under the following, [2 + 2 + 1 + 2 + 3 = 10]**

- Headings :**
- Parts
 - Relations
 - Blood
 - Nerve supply
 - Lymphatic drainage and development.

*Gray's Anatomy (3rd Edn): 1096 | B.D Chaurasia (8th Edn)(Vol-3) : 299-305 | Vishram Singh (3rd Edn): 188, 194, 193 (Vol-3)***2. Describe the radial nerve under the following, [3 + 2 + 3 + 2 = 10]**

- Headings :**
- Origin
 - Course
 - Relations
 - Branches
 - Applied anatomy.

*Gray's Anatomy (3rd Edn): 761 | B.D Chaurasia (8th Edn)(Vol-1) : 192, 193 | Vishram Singh (3rd Edn): 166 (Vol-1)***WRITE SHORT NOTE ON [5 × 4 = 20]****Corpus callosum.***B.D Chaurasia (8th Edn)(Vol-4) : 160 | Vishram Singh (3rd Edn): 390 (Vol-3). Neuroanatomy (3rd Edn): 160***Median cubital vein.***Gray's Anatomy (3rd Edn): 700 | B.D Chaurasia (8th Edn)(Vol-1) : 89 | Vishram Singh (3rd Edn): 85 (Vol-1)***Histology of hyaline cartilage.***Histology LB Singh (19th Edn): 61 | Diflore's Histology (12th Edn): 109-115, 121***Epicranial aponeurosis.***Gray's Anatomy (3rd Edn): 923 | Vishram Singh (3rd Edn): 48 (Vol-3)***Derivatives of third branchial arch.***Embryology LB Singh (11th Edn): 155***WRITE BRIEFLY ON [5 × 2 = 10]****Otic ganglion.***Gray's Anatomy (3rd Edn): 899 | B.D Chaurasia (8th Edn)(Vol-3) : 137 | Vishram Singh (3rd Edn): 142 (Vol-1)***Name any four carpal bones.***Gray's Anatomy (3rd Edn): 650 | B.D Chaurasia (8th Edn)(Vol-1) : 25 | Vishram Singh (3rd Edn): 28 (Vol-1)***Levator palpebrae superioris.***Gray's Anatomy (3rd Edn): 929 | B.D Chaurasia (8th Edn)(Vol-3) : 78, 233 | Vishram Singh (3rd Edn): 286 (Vol-3)***Movements of Wrist joint.***Gray's Anatomy (3rd Edn): 659 | B.D Chaurasia (8th Edn)(Vol-1) : 172 | Vishram Singh (3rd Edn): 155 (Vol-3)***Film terminal.***Vishram Singh (3rd Edn): 303 (Vol-3)***Note : Answer all questions : Illustrate your answer with suitable diagrams.****Max. Marks: 50****[2 + 2 + 2½ + 1 + 2½ = 10]****1. Headings :**

- Parts
- Relations
- Blood
- Nerve supply
- Lymphatic drainage and development.

*Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***2. Headings :****Course and branches of popliteal artery.***Gray's Anatomy (3rd Edn): 537, 616, 617 | B.D Chaurasia (8th Edn)(Vol-2) : 87, 89 | Vishram Singh (3rd Edn): 369, 370 (Vol-2)***3. Headings :****Development and applied anatomy.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***4. Headings :****Describe the boundaries and contents of popliteal fossa. Describe origin, course and branches of popliteal artery.***Gray's Anatomy (3rd Edn): 537, 616, 617 | B.D Chaurasia (8th Edn)(Vol-2) : 87, 89 | Vishram Singh (3rd Edn): 369, 370 (Vol-2)***5. Headings :****Development and applied anatomy.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***6. Headings :****Course and branches of popliteal artery.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***7. Headings :****Development and applied anatomy.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***8. Headings :****Course and branches of popliteal artery.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***9. Headings :****Development and applied anatomy.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***10. Headings :****Course and branches of popliteal artery.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***11. Headings :****Development and applied anatomy.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)***12. Headings :****Course and branches of popliteal artery.***Gray's Anatomy (3rd Edn): 477 | B.D Chaurasia (8th Edn)(Vol-1) : 450 | Vishram Singh (3rd Edn): 259 (Vol-2)*



Professors Choice Questions

Internal Assessment

PAPER - I

UPPER LIMB

LONG QUESTIONS

1. Describe the auxillary artery under the following Headings :

- (a) Course
- (b) Relations
- (c) Branches
- (d) Applied aspects.

2. Describe ulnar nerve in the hand under the following,

Headings :

- (a) Course and relations
- (b) Branches
- (c) Distribution
- (d) Applied anatomy.

3. (v) Describe the shoulder joint under the following,

Headings :

- (a) Type and articular surfaces
- (b) Ligaments
- (c) Relations
- (d) Movements with muscles involved
- (e) Applied anatomy.

4. (1) Describe brachial plexus under the following, Headings :

- (a) Formation
- (b) Relations
- (c) Branches
- (d) Applied anatomy.

5. (v) Write about the gross anatomy, lymphatic drainage and applied aspects of mammary gland.

6. (3) Describe axillary nerve (circumflex nerve) under the following,

Headings :

- (a) Origin and course
- (b) Relations
- (c) Branches
- (d) Applied aspects.

SHORT QUESTIONS

1. Anatomical snuff box.
2. Axillary nerve.
3. Anastomosis around elbow joint. ✓
4. Lymphatic drainage of breast —
5. Mid palmar space.

VERY SHORT QUESTIONS

1. Name the muscles forming rotator cuff.
2. Rotator cuff.
3. Median cubital vein.
4. Coracoid process of the scapula.
5. Action of lumbricals.

HEAD AND NECK

LONG QUESTIONS

1. Describe the thyroid gland under the following,
Headings :
 - (a) Parts
 - (b) Capsule
 - (c) Relations
 - (d) Blood supply
 - (e) Applied anatomy
2. Describe the tongue under following,
Heading :
 - (a) Surface features
 - (b) Musculature
 - (c) Nerve supply
 - (d) Development.
3. Enumerate the dural venous sinuses. Describe the tributaries, connections and applied anatomy of "Cavernous Sinus".
4. Describe parotid gland under following
Headings :
 - (a) Location, extent
 - (b) Capsule, relations
 - (c) Contents
 - (d) Nerve supply
 - (e) Applied Anatomy.
5. Describe the palatine tonsil under the following,
Headings :
 - (a) Situation
 - (b) Blood supply
 - (c) Lymphatic drainage and applied aspects.

SHORT QUESTIONS

1. Maxillary air sinus.
2. Nasal septum.
3. Ciliary ganglion.
4. Lateral pterygoid muscle.
5. Middle meningeal artery.
6. Vocal cords.

VERY SHORT QUESTIONS

1. Formation and distribution of ansa cervicalis.
2. Nerve supply and actions of the cricothyroid muscle.
3. Actions of superior oblique muscle of eye ball.

BRAIN**LONG QUESTIONS**

1. Describe the internal capsule under the following Headings :
 (a) Parts
 (b) Relations
 (c) Fiber components
 (d) Arterial supply
 (e) Applied anatomy.
2. Classify white matter of cerebrum. Write in detail about corpus callosum.
3. Describe the lateral ventricle of cerebrum and add a note on its applied anatomy.
4. Describe the floor of the fourth ventricle.
5. Describe the superolateral surface of cerebral hemisphere.

SHORT QUESTIONS

1. Inferior horn of the lateral ventricle.
2. Circle of willis.
3. Floor of IV ventricle of brain.
4. Interpeduncular fossa.

VERY SHORT QUESTIONS

5. Write a note on Insula.
1. Insula.
2. Filum terminale.
3. Diagram of circle of willis.

LONG QUESTIONS

1. Describe the arches of foot and its applied anatomy.

2.  Describe femoral artery under the following.

Headings :

- (a) Origin and course
- (b) Relations
- (c) Branches
- (d) Clinical importance.

3.  Describe the hip joint under the following.

Headings :

- (a) Articular surfaces
- (b) Ligaments
- (c) Movements
- (d) Applied anatomy.

4.  Discuss knee joint under following.

Headings :

- (a) Ligaments
- (b) Movements
- (c) Bursae
- (d) Applied anatomy.

5.  Describe the sciatic nerve under following.

Headings :

- (a) Root value, origin, course, termination
- (b) Relations
- (c) Branches
- (d) Applied anatomy

SHORT QUESTIONS

1. Deep peroneal nerve.

2. Cruciate ligaments of the knee joint.

3. Femoral sheath.

4. Dorsalis pedis artery.

5. Popliteus muscle.

VERY SHORT QUESTIONS

1. Movements of ankle joint.

2. Fascia cribrosa of saphenous opening.

THORAX**LONG QUESTIONS**

1. Describe the arterial supply, venous drainage and nerve supply of the heart.

2. Describe the right atrium of the heart the following,

Headings :

- (a) External features
- (b) Openings
- (c) Interior
- (d) Development.

3. Pericardium.

4. Describe the arch of aorta. Add a note on its development.

SHORT QUESTIONS

- Coronary sinus.
1. Broncho pulmonary segments.
2. Medial surface of Lung.
3. Sinuses of pericardium.

VERY SHORT QUESTIONS

- Hilum of right lung.
1. Coronary sinus.

LONG QUESTIONS

1. Describe the uterus under the following,

Headings :

- (a) Normal position
- (b) Parts with relations
- (c) Supports
- (d) Embryologic development.

2. Describe the stomach under the following,

Headings :

- (a) Parts
- (b) Stomach bed
- (c) Arterial supply
- (d) Lymphatic drainage.

3. Describe the thoraco-abdominal diaphragms under following,

Headings :

- (a) Origin
- (b) Insertion
- (c) Nerve supply
- (d) Function and development
- (e) Applied anatomy.

4. Describe Pancreas under following

Headings :

- (a) Gross features
- (b) Relations
- (c) Blood supply
- (d) Development.

5. Describe the prostate, Add a note on its development.

6. Describe the gross and applied anatomy of the rectum and anal canal.

SHORT QUESTIONS

1. Portacaval anastomoses.
2. Common bile duct - course and relations.
3. Development of urinary bladder.
4. Stomach bed.
5. Greater omentum-attachments, contents and functions.
6. Greater omentum
7. Major openings in the diaphragm.
8. Meckel's diverticulum.

ABDOMEN

VERY SHORT QUESTIONS

1. Contents of spermatic cord.
2. Douglas pouch.
3. Recto-uterine pouch.
4. Epiploic forament.
5. Trigone of urinary bladder.

EMBRYOLOGY

SHORT QUESTIONS

1. Development of Tongue.
2. Development and anomalies of the palate.
3. Development of pancreas.
4. Development of parathyroid glands.
5. Development of thyroid gland
6. Chorion

VERY SHORT QUESTIONS

1. Mutation.

HISTOLOGY

SHORT QUESTIONS

1. Histology of the kidney.
2. Histology of lymph node.
3. Microscopic structure of ovary.
4. Histology of the pancreas.
5. Microscopic anatomy of hyaline cartilage.
6. Microscopic structure of hyaline cartilage
7. Microscopic anatomy of suprarenal gland.
8. Histology of testis.
9. Microscopic structure of palatine tonsil
10. Microscopic structure of cerebellum

GENETICS

SHORT QUESTIONS

1. Klinefelter syndrome.
2. Barr - Body.
3. Down syndrome.
4. Turner's syndrome.
5. Karyotyping.
6. Sex-linked inheritance

VERY SHORT QUESTIONS

1. Turner's syndrome.