

[LB 119]

OCTOBER 2012

Sub. Code: 2092

M.D. DEGREE EXAMINATIONS

BRANCH XXIII – ANATOMY

PAPER IV – SURGICAL ANATOMY AND APPLIED ANATOMY AND RECENT
ADVANCES

Q.P. Code : 202092

Time: Three hours
(180 Min)

Maximum: 100 Marks

Answer All questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
I. Essay:			
1. Describe the surgical anatomy of the fascial spaces in the neck.	9	15	10
2. Describe the surgical anatomy of Prostate.	9	15	10
II. Short Questions:			
1. Applied Anatomy of mid palmar space.	3	8	5
2. Acquired indirect inguinal hernia.	3	8	5
3. Anatomical basis of hiatal hernia	3	8	5
4. Surgical importance of bare area of liver.	3	8	5
5. Anatomical basis of carotid angiography.	3	8	5
6. Drainage of parotid abscess.	3	8	5
7. Features of Oculomotor Nerve Palsy	3	8	5
8. CT of ectopic pregnancy	3	8	5
III. Reasoning Out:			
Each of the following questions have a stem and are followed by five options. Mention whether the options are TRUE or FALSE and mention the REASON.			
1. Ape hand			
a) The cause may be injury to median nerve			
b) The cause may be injury to ulnar nerve			
c) There is wasting of thenar muscles	5	10	5
d) Index finger is flexed			
e) There is adduction of thumb			
2. In talipes equino varus			
a) There is flattening of medial longitudinal arch			
b) There is a high lateral longitudinal arch			
c) There is injury to medial plantar nerve	5	10	5
d) There is inversion of foot			
e) There is shortening of long plantar ligament			
3. Bilateral injury to recurrent laryngeal nerve causes			
a) Paralysis of cricothyroid muscle			
b) Inability to vocalise			
c) Closed rima glottidis	5	10	5
d) Acute breathlessness			
e) Loss of sensation above the vocal cords			

4. In the carpal tunnel
- a) The median nerve lies posterior to Palmaris longus tendon
 - b) The flexor digitorum superficialis tendons are superficial to the tendons of flexor digitorum profundus
 - c) The ulnar nerve divides into superficial and deep branches
 - d) The ulnar artery lies lateral to the ulnar nerve
 - e) The palmar cutaneous branch of the median nerve is given off in the tunnel

5 10 5

IV. Very Short Answers:

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|---|---|---|---|
| 1, What is the location of the cell bodies of the peripheral nerves carrying pain sensations from the small intestines? | 1 | 4 | 2 |
| 2. The hilum of the kidney lies along which vertebra? | 1 | 4 | 2 |
| 3. Name the recesses of the lesser sac. | 1 | 4 | 2 |
| 4. Peyer's patches are found along which border of the ileum? | 1 | 4 | 2 |
| 5. Name the positions of the taenia coli on the ascending colon. | 1 | 4 | 2 |
| 6. Mention the causes of ptosis of the kidneys. | 1 | 4 | 2 |
| 7. Mention the bones at the pterion. | 1 | 4 | 2 |
| 8. What is caput medusae? | 1 | 4 | 2 |
| 9. Mention the constituents of the embalming fluid. | 1 | 4 | 2 |
| 10. Mention two factors that can result in improper embalming. | 1 | 4 | 2 |
