



ANATOMY
PAPER – IV

ANT/D/14/02/IV

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Sphincteric anatomy in the region of pelvic diaphragm which maintains the normal architecture of pelvic viscera. 10
2. Segmentation of liver in relation to liver transplant and surgical resection. 10
3. Relations, nerve supply, blood supply and applied anatomy of ankle joint. 3+2+2+3
4. Femoral canal and its applied anatomy. 5+5
5. Lobes, zonation and age changes of prostate. Explain why impotency may occur after prostatectomy. (2+2+3)+3
6. Anatomical basis and applied anatomy of umbilicus. 10
7. Describe the vertebral curvatures in relation with age. Add a note on vertebral venous plexuses and its importance. 5+5
8. Supports and lymphatic drainage of uterus. 5+5
9. Describe nerve supply of urinary bladder in brief. Add a note on types of neurogenic bladder seen following spinal cord injuries. 5+5
10. Boundaries of omental bursa, its development and surgical importance. 5+3+2

