



ANATOMY

PAPER – IV

Time : 3 hours

Max. Marks : 100

ANT/D/17/02/IV

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. Describe the duodenum under the following headings: 2+4+2+2
 - a) Parts
 - b) Relations of the first and second parts
 - c) Blood supply
 - d) Peritoneal recesses in relation to duodenum.
2. Describe the anatomical basis of the following: 5+5
 - a) Varicose veins
 - b) Pain of appendicitis referred to umbilical region.
3.
 - a) Porto-caval anastomosis. 5+5
 - b) Thoraco lumbar fascia
4. Describe anal canal under the following headings: 2.5+2.5+2.5+2.5
 - a) Parts
 - b) Internal structure
 - c) Blood supply and lymphatic drainage.
 - d) Hemorrhoids
5.
 - a) Vertebro-pelvic ligaments 5+5
 - b) Popliteal fossa
6. Describe inguinal canal under the following headings: 3+3+4
 - a) Boundaries
 - b) Contents
 - c) Inguinal hernia
7.
 - a) Short lateral rotations of hip joint 5+5
 - b) Supports of uterus.

P.T.O.



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8. a) Ileocaecal valve 5+5
b) Segments of the liver.
9. Describe the levator ani muscle under the following 4+2+2+2
headings:
a) Parts and attachments
b) Actions
c) Nerve supply
d) Applied anatomy
10. a) Nerve supply of urinary bladder 5+5
b) Lymphatic drainage of stomach

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