

**FIRST B.H.M.S. DEGREE EXAMINATION****PAPER IV – ANATOMY - II***Q.P. Code : 581231***Time: Three Hours****Maximum : 100 Marks****Answer All questions****I. Essay Questions:****(2 x 15 = 30)**

1. Describe the external features, Relations, Broncho pulmonary segments of the lungs?
2. Describe the Prostate gland situation, shape, size, capsules, lobes, Relations, prostatic urethra, blood supply, nerve supply, lymphatic drainage, age change and applied anatomy.

**II. Write Notes on:****(10 x 5 = 50)**

1. Arches of foot – types of arches, features of the arch, factors and mechanism of support of the arches.
2. Sciatic nerve – origin, root value, course, relations branches and applied anatomy.
3. Posterior abdominal wall muscles – Origin, insertion, nerve supply, blood supply and action.
4. Lateral plantar nerve – origin, course, relation, branches and applied Anatomy.
5. Anterior tibial artery origin, course, relation, branches and applied Anatomy.
6. Oesophagus – Extention, curvature, relation, blood supply and applied Anatomy.
7. Superior vena cava – formation, termination, relation, surface markings, Tributaries, and applied Anatomy.
8. Vermiform appendix and size, attachment, position, blood supply, nerve supply, lymphatic drainage and applied Anatomy.
9. Stomach – Describe the quadrants occupied, external features, relation, ligaments, blood supply and nerve supply.
10. Ovary- situation, shape, ovarian fossa, relation, blood and nerve supply.

**III. Short Answers on:****(10 x 2 = 20)**

1. Fallot's tetralogy.
2. Anserine bursa.
3. Peripheral heart.
4. Spina bifida.
5. Pouch of Douglas.
6. Mcburney's point.
7. Caput medusae.
8. Perianal space.
9. Peyer's patches.
10. Tibial tuberosity.

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