

[BNYS 1021]

OCTOBER 2021  
(OCTOBER 2020 SESSION)

Sub. Code: 1503

**B.N.Y.S. DEGREE EXAMINATION**  
**FIRST YEAR – PART II**  
(For the candidates admitted from the academic year 2013-14)  
**PAPER I – HUMAN ANATOMY I**  
*Q.P. Code : 821503*

**Time: Three Hours**

**Answer ALL questions**

**Maximum : 100 Marks**

**I. Essay Questions:** **(2 x 15 = 30)**

1. Elaborate in details about Axilla, its location, boundaries, contents and its applied anatomy. Add a note on axillary lymph nodes.
2. Explain in details about heart under the following headings:
  - a) Exterior and Interior features of right atrium.
  - b) Valves of heart.
  - c) Blood supply and Innervation of heart.
  - d) Aorta and its branches.

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

1. Explain pleural membrane in detail.
2. Define Joint and classify joints according to their structure and function with examples.
3. Origin, insertion, blood supply, nerve supply, and action of the following muscles.
  - a) Deltoid
  - b) Biceps brachii
4. Explain in detail about coeliac trunk and its branches and supply.
5. Clavicle – its features, attachments and clinical anatomy.
6. Appendix, its position and clinical anatomy.
7. Coronary Sinus.
8. Write the position, surfaces and internal structures of kidneys.
9. Explain in detail about Bile duct and its clinical anatomy.
10. Make a brief note on duodenum with its clinical anatomy.

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

1. Madelung deformity.
2. Constrictions in ureter.
3. Carpel tunnel syndrome.
4. Hilum of right lung.
5. Sphincter of Oddi.
6. Stomach Bed.
7. Layers of blood vessels.
8. White line of Hilton.
9. Waldeyer's Lymphatic Ring.
10. Cysterna chyli.