

**First Year B.Sc Radio Therapy Technology Degree Regular  
Examinations October 2024**

**Paper I – Anatomy  
(2023 Scheme)**

**Time: 3 Hours****Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:****(2x15=30)**

1. Describe the Kidney under the following headings.
  - a) External features
  - b) Relations
  - c) Histology
  - d) Blood supply
  - e) Applied importance(4+4+2+3+2)
2. Classify Epithelium. Briefly describe compound epithelium. (5+10)

**Short notes:****(8x5=40)**

3. Liver
4. Clavicle
5. Mediastinum and contents
6. Pituitary gland
7. Right atrium
8. Cerebellum
9. Maxillary air sinus
10. Knee joint

**Answer briefly:****(10x3=30)**

11. Hyaline cartilage
12. Spleen
13. Deltoid muscle
14. Mesentery
15. Typical thoracic vertebrae
16. Haversian system
17. Tongue
18. Ureter
19. Brain stem
20. Diaphragm