

**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