

**First Year B.Sc MLT Degree Regular/Supplementary Examinations**  
**November 2024**  
**(Anatomy and Physiology)**  
**Paper I - Anatomy including Histology**  
**(2016 Scheme)**

**Time: 2 Hours**

**Total Marks: 50**

- *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*

**Essay**

**(10)**

1. Describe the Heart under the following headings

- External features
- Chambers
- Blood supply
- Conducting system

**(2+4+2+2)**

**Short notes**

**(5x5=25)**

- Kidney – Relations and Microscopic structure
- Classify epithelium giving examples
- Duodenum
- Thyroid gland – parts and blood supply
- Spinal cord

**Answer briefly**

**(5x3=15)**

- Microscopy of tonsil
- Mediastinum – Boundaries and subdivisions
- Any three differences between Foetal and Adult skull
- Gall bladder
- Fallopian tubes

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