

**Q.P. CODE: 111016**

**Reg. No: .....**

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary  
Examinations February 2025**

**Basic Anatomy (Including Histology)**

**(2016 Scheme)**

**Time: 3 Hrs**

**Max. Marks:80**

- *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:**

**(2x10=20)**

1. Describe the heart under the following headings

a) Location

b) External features

c) Chambers

d) Blood supply

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

2. Name the endocrine glands with the location in our body and describe the Pituitary gland in detail (gross and histology)

**(4+3+3)**

**Short notes:**

**(6x5=30)**

3. Spermatogenesis

4. Microscopy of lymph node

5. Blood supply of cerebrum

6. Pulmonary circulation

7. Kidney

8. Eyeball

**Answer briefly:**

**(10x3=30)**

9. Paranasal sinuses

10. Tympanic membrane

11. Synovial joint

12. Waldeyer's ring

13. Transitional epithelium

14. Optic nerve histology

15. Subclavian artery

16. Meninges

17. Fallopian tube

18. Large intestine

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