

QP Code:102102

Reg. No.:.....

**PG Degree Supplementary Examinations in Anatomy (MD)**  
**July 2025**

**Paper II – Embryology, Genetics, Histology, Anatomical Techniques**

**Time: 3 hrs**

**Max 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*

**Essay:**

**(20)**

1. Describe the development of the branchial apparatus. Add a note on the congenital anomalies.

**Short essays:**

**(8x10=80)**

2. Describe the development of placenta. Add a note on the placental barrier.
3. Describe the rotation of the midgut. Add a note on the associated congenital anomalies.
4. Describe the microstructure of the retina.
5. Compare and contrast the microstructure of the testis and ovary.
6. Describe the sex-linked inheritance with a suitable example.
7. Describe the genetic counselling.
8. Describe the body donation programme.
9. Describe the preparation and preservation of cadavers.

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