

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.
