

M.Sc. [Medical Anatomy]

(BF/2023/12)

Microscopic Anatomy and Regional (systemic) Embryology
[Paper - III]

M.M.: 100

Time : 3 Hours

- Note:** 1.) *Attempt all questions.*
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED*
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*
4.) *Illustrate your answers with suitable diagrams.*

1. Describe development of kidney. Add a note on its development anomalies. [7+3=10]
 2. Describe development of Spinal cord. Add a note on neural tube defects. [5+5=10]
 3. Describe the development of Testis. Add a note on Cryptorchidism. [5+5=10]
 4. Write short notes on. [5+5=10]
 - a. White pulp of spleen
 - b. Cell adhesion
 5. Describe embryological basis of: [5+5=10]
 - a. Ectopic pregnancy
 - b. Cleft palate
 6. Describe microscopic structure of retina with brief account of its different cells. [10]
 7. Describe the ultra-structure of cell. [10]
 8. Describe microanatomy and development of palatine Tonsils. [5+5=10]
 9. Write short notes on. [5+5=10]
 - a. PET Scan
 - b. Embedding in tissue processing
 10. Describe microscopic anatomy and development of Lung. [5+5=10]
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