

**NEPHROLOGY**

**PAPER-II**

Time: 3 hours  
Max. Marks:100

NEPH/D/20/20/II

**Important Instructions:**

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

**Write short notes on:**

1. Pre-eclampsia and kidney. 10
2. Role of complements in TMA. 10
3. What is amyloidosis? Enumerate the types of amyloidosis and discuss the management of renal amyloidosis. 2+3+5
4. Pathogenesis of renal fibrosis in tubule-interstitial nephritis. 10
5. Discuss the risk factors for stroke in CKD. Add a note on prevention of stroke in CKD. 6+4
6. Genetics, clinical presentation and management of Alport syndrome. 3+3+4
7. Hemodialysis catheter-related bloodstream infection (CRBSI): microbiology, prevention and management. 3+3+4
8. Struvite stones. 10
9. Approach to hypercalcemia. 10
10. Discuss the types of cryoglobulinemia; its renal manifestations and management. 2+3+5

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