

NEPHROLOGY**PAPER-III**Time: 3 hours
Max. Marks:100

NEPH/D/20/20/III

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. Discuss the methods to assess progression of ADPKD. Add a note on the current role of tolvaptan in management of ADPKD. 5+5
2. Noninfectious complications of peritoneal dialysis and timely PD study. 6+4
3. Current classification of Autosomal Dominant Tubulointerstitial Kidney Disease (ADTKD) and its clinical presentation. 6+4
4. Current role of proliferation signal inhibitors in renal transplantation. Add a note on the TRANSFORM study. 6+4
5. Non-invasive methods to diagnose allograft rejection. 10
6. Latest diagnostic EULAR/ACR criteria of SLE. Add a note on the SLICC criteria for lupus nephritis. 8+2
7. Principles, indications and dosing of continuous renal replacement therapy. 3+3+4
8. SGL2 inhibitors and CKD. 10
9. IgG4 related renal disease - Pathogenesis, clinical manifestation and treatment. 4+3+3
10. Evaluation and treatment of hypertensive emergencies in adults. 5+5
