

**NEPHROLOGY**

PAPER-II

NEPH/D/18/20/II

Time: 3 hours  
Max. Marks:100

**Important Instructions:**

- 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. a) Assessment of peritoneal dialysis adequacy. 5+5  
b) Causes of ultrafiltration failure in peritoneal dialysis.
2. a) Renal manifestations of dysproteinemia. 5+5  
b) Role of extra corporeal therapies in dysproteinemias.
3. a) Phospholipase A2 Receptor antibody (PLA2R) and its implications for 5+5  
management of membranous nephropathy.  
b) Membranous nephropathy – current management strategies and  
outcomes.
4. a) Assessment of quality of life in dialysis patients. 5+5  
b) Strategies to improve the quality of life in dialysis.
5. a) Post transplantation recurrence of glomerular diseases. 5+5  
b) Management of post-transplant diabetic nephropathy.
6. a) Role of Ambulatory BP monitoring in hemodialysis. 4+6  
b) Intradialytic hypertension - etiology and management .
7. a) Role of inflammation in diabetic nephropathy. 5+5  
b) Renin angiotensin aldosterone (RAAS) pathway blockade in diabetic  
nephropathy.
8. a) Management of urinary tract infection in pregnancy. 5+5  
b) Dialysis prescription in a pregnant female.
9. a) Clinical utility of eye and ear examination in kidney diseases. 5+5  
b) Non-invasive markers of allograft rejection.
- 10 a) Management of coronary artery disease in dialysis patients. 5+5  
b) Management of coronary artery disease in kidney transplant patients.

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