

**NEPHROLOGY**  
**PAPER-II**

NEPH/D/19/20/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:**

- Remote organ effects in acute kidney injury (AKI). 5+5
  - Contrast-associated AKI: does it exist and what we tell patients.
- An approach to a patient with cystic kidney diseases. 5+5
  - Discuss briefly the management of autosomal dominant polycystic kidney disease (ADPKD).
- How to approach a pregnant lady with acute kidney injury? 3+(3+4)
  - Describe briefly about immunosuppression and outcomes of pregnancy in a renal allograft recipient.
- Prevalence, screening and diagnosis of cognitive dysfunction in ESRD patients. 5+5
  - Describe possible mitigators and treatment for cognitive decline amongst patients on dialysis.
- Haemodialysis associated infections 5+5
  - How can we prevent and treat?
- What is ultrafiltration failure (UFF) in peritoneal dialysis? 3+3+4
  - What are the different methods of peritoneal equilibration test (PET)?
  - How will you approach a patient with UFF?
- Oral direct anti-viral therapy for hepatitis C virus (HCV) treatment before and after kidney transplant. 5+5
- How will you approach and treat steroid resistant nephrotic syndrome? 5+5
  - Write a short note on relevance of genetic testing for steroid resistant nephrotic syndrome.
- Perioperative immunization for organ transplant recipient. 5+5
  - Prophylaxis protocol for post-transplant opportunistic infection.
- Clinical relevance of Non-HLA antibodies. 5+5
  - Clinical relevance of donor specific cell free DNA in kidney transplant rejection.

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