

NEPHROLOGY
PAPER-III

NEPHRO/J/18/20/III

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:

- Transplant renal artery stenosis
 - Management of HCV infection in a renal transplant recipient5+5
- NETosis
 - Role of autophagy in various renal disorders5+5
- ADPKD: 2+2+6
 - Sonographic criteria for diagnosis
 - Enumerate the extra-renal manifestations
 - Newer therapies for prevention of progression
- CRRT: 2+3+5
 - Anticoagulation during CRRT
 - Complications
 - Clinical trials comparing the various modalities of intermittent haemodialysis.
- Electron Microscopy: 8+2
 - Role in nephrology practice
 - Podocyte infolding glomerulopathy
- Diagnostic approach to Ultrafiltration failure in Peritoneal dialysis
 - Management of Ultrafiltration failure in Peritoneal dialysis
 - Encapsulating Sclerosing Peritonitis.3+4+3
- PTH assays
 - Cystatin C
 - NGAL3+4+3
- Immunological Monitoring after renal transplantation
 - Role of DSA in Renal Transplantation6+4
- Epidemiology of CKD: 6+4
 - Discuss the growing burden of CKD in the world.
 - Incidence and prevalence of CKD in India.

P.T.O.

10. a) Hybridoma technology - Clinical relevance
b) Animal Models in various renal diseases.

5+5
