

FINAL EXAM  
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

## 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:

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

P.T.O.

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

5+5

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