

NEPHROLOGY  
PAPER-II

NEPHRO/J/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) Causes and clinical features of acute interstitial nephritis (AIN) 4+3+3  
b) Approach to a patient with AIN.  
c) Management of AIN.
2. a) Risk factors for cardiovascular disease in CKD. 4+4+2  
b) Role of life style modification in patients with CKD.  
c) Left ventricular hypertrophy in CKD.
3. a) Describe various kidney /ear syndromes. 5+5  
b) Discuss the value of fundus examination in Nephrology.
4. a) Various pharmacological and non-pharmacological interventions in prevention of acute kidney injury (AKI) 5+5  
b) Non-dialytic management of AKI
5. a) Factors that affect the solute clearance of a Haemodialyzer. 5+5  
b) Assessment of Haemodialysis adequacy.
6. a) Discuss the non-infectious complications of peritoneal dialysis. 5+5  
b) Nutritional management of a patient on PD.
7. IgA nephropathy: 4+6  
a) Pathogenesis  
b) Clinical trials related to immunosuppression
8. Vascular calcification: 3+4+3  
a) Pathogenesis in CKD  
b) Evaluation  
c) Management
9. AV fistula for hemodialysis: 4+4+2  
a) Clinical assessment of functional status  
b) Complications  
c) Percutaneous endovascular interventions

**P.T.O.**

10. Women and kidney disease:  
a) Discuss the various renal disorders specific to women  
b) Birth weight and Nephron dosing.

5+5

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