FINAL EXAM   NATIONAL BOARD OF EXAMINATIONS
JUNE 2018

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.

POSSESSION/USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.

10. Women and kidney disease: 5+5
     a) Discuss the various renal disorders specific to women
     b) Birth weight and Nephron dosing.

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