

NEPHROLOGY

PAPER – III

NEPH/J/16/20/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) Limitation of KDIGO classification of chronic kidney diseases. 5+5
b) KDIGO composite staging of acute kidney injury.
2. a) Management of Calciphylaxis. 6+4
b) Treatment of uraemic pruritus.
3. a) Bosniak renal cysts classification 3+3+4
b) Ultrasound based diagnostic criteria of ADPKD.
c) Indications of Tolvaptan use in ADPKD.
4. a) Hypoxia inducible factor. 6+4
b) Fibroblast growth Factor 23.
5. a) URR & Kt/V. 6+4
b) Assessment of adequacy of AV fistula for haemodialysis.
6. a) Role of ACE inhibitors /ARBs in chronic kidney disease. 2+4+4
b) Preprobiotics in CKD
c) Role of dietary protein restriction in CKD.
7. a) Residual renal function. 6+4
b) When to initiate a patient on chronic maintenance dialysis.
8. a) Acceptable GFR in living donors. 2+2+6
b) Acceptability of donors with history of malignant disease.
c) Long-term outcome of live kidney donors.
9. a) Enumerate the methods available to assess human hemocyte sensitization. 6+4
b) How will you proceed to desensitization?
10. a) Transplant glomerulopathy. 5+5
b) CMV prophylaxis protocol post renal transplant.
