

NEPHROLOGY

PAPER – II

NEPHRO/J/17/20/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. Disseminated Intravascular Coagulation: 1+3+2+4
 - a) Definition.
 - b) Pathogenesis.
 - c) Clinical features.
 - d) Management.
2. Ischaemic nephropathy: 1+3+3+3
 - a) Definition.
 - b) Clinical features.
 - c) Investigations.
 - d) Treatment.
3. Polyuria: Definition, causes, approach to diagnosis and principles of management. 1+3+3+3
4. a) Renal tuberculosis: Clinical features & management. 6+4
b) Nail-patella syndrome.
5. Vascular access for haemodialysis: 2+4+4
 - a) Classification.
 - b) Advantages and disadvantages of the various types.
 - c) Principles of management of secondary fistula failure.
6. C3 glomerulopathy: 2+2+4+2
 - a) Classification.
 - b) Clinical features.
 - c) Lab investigations and renal histology.
 - d) Treatment.

P.T.O.

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7. a) Enumerate the causes of AKI in pregnancy. 2+(3+3+2)
b) Pathophysiology, clinical features and treatment of peri-partum HUS.
8. Recurrence of primary disease in transplant kidney: 2+2+6
a) Causes of early recurrence.
b) Cause of late recurrence.
c) Clinical features and management of recurrent primary FSGS in transplant kidney.
9. Glucose sparing osmotic agents for peritoneal dialysis solution: 2+2+6
a) Need for such agents.
b) Preparations available.
c) Current status of clinical usage of these agents.
10. a) Peritoneal dialysis catheter placement techniques. 5+5
b) Treatment of renal amyloidosis.
