

NEPHROLOGY

PAPER – II

NEPH/J/16/20/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) Histological variants of focal segmental glomerulosclerosis (FSGS). 3+2+5
b) Risk factors for progression of renal disease in FSGS.
c) Therapeutic options in FSGS.
2. IgA Nephropathy: Pathogenesis, Oxford classification and treatment recommendation. 3+2+5
3. Small vessel pauci immune vasculitis under the following heads:- 2+3+5
a) Clinico pathological variants of pauci immune vasculitis
b) Antineutrophil cytoplasmic autoantibodies.
c) Management of pauci immune vasculitis
4. Monoclonal Gammopathy of renal significance under the following heads: 3+5+2
a) Diagnostic criteria
b) Classification of renal disease by deposits
c) Treatment
5. a) ADAMTS 13 & TTP. 5+2+3
b) Renal disease associated with rheumatoid arthritis.
c) ISN/RPS classification of lupus nephritis.
6. Hypertension in pregnancy under the following heads:- 3+3+4
a) Definition & classification of hypertensive disorders.
b) Physiological changes in pre-eclampsia.
c) Management

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7. Management of urinary tract infection under the following heads:- 5+5
a) Asymptomatic bacteriuria in renal transplants.
b) Emphysematous pyelonephritis.
8. a) Mention the kidney diseases associated with human immunodeficiency virus infection. 4+3+3
b) Acceptability criteria of HIV positive ESRD for renal transplant.
c) Immunosuppressive protocols in HIV positive renal transplant recipients.
9. Hepatitis C virus infection in ESRD on Haemodialysis under the following heads:- 2+3+5
a) Clinical presentation
b) Diagnosis of HCV infection & pit falls.
c) Direct acting anti-viral medication.
10. a) 'International Reflux Study in children' Classification of vesico ureteric reflux (VUR). 2+2+3+3
b) Clinical presentation of VUR.
c) Imaging tools in diagnosis of VUR.
d) Medical Vs surgical management of VUR.
