

**DETAILED SYLLABUS FOR THE POST OF ASSISTANT PROFESSOR
(NEPHROLOGY) (MEDICAL EDUCATION)**

(Cat.Nos. : 376/2023, 520/2023)

MODULE I. FLUID AND ELECTROLYTE IMBALANCE (10 marks)

Magnesium Imbalance.

MODULE II. GLOMERULAR DISEASE. (10 marks)

IgA Nephropathy. Pathogenesis , staging and Treatment.

MODULE III. THE KIDNEY IN SYSTEMIC DISEASE (10 marks)

Systemic Lupus erythematosus.

Different Types of Lupus Nephritis, Pathology, Pathogenesis and Treatment.

MODULE IV .TUBULAR DISEASE (10 marks)

Fanconi Syndrome

Acquired and Genetic causes, various clinical manifestations. Evaluation

MODULE V. ACUTE KIDNEY INJURY (AKI) (10 marks)

Hemolytic uremic syndrome

Causes investigation and management.

MODULE VI. CHRONIC KIDNEY DISEASE (10 marks)

Mineral Bone Disease in CKD.

MODULE VII. DIALYSIS. (10 marks)

Advantages of Hemofiltration and Hemodiafiltration.

MODULE VIII. RENAL TRANSPLANTATION. (10 marks)

Immunological and Non immunological Chronic complications in transplant recipient.

MODULE IX. INHERITED RENAL DISEASE. (20 marks)

Alport's Syndrome and its management.

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.