

Part B
Answer ALL questions
Each answer should not exceed 400 words or two pages

5 x 6 = 30

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|--|------|--------|
| 11.a. Discuss Glomerulonephritis. | | CO3 K3 |
| | (or) | |
| 11.b. Write on disorders of sodium balance. | | CO1 K2 |
| 12.a. Discuss Nephrolithiasis. | | CO3 K2 |
| | (or) | |
| 12.b. Write on urinary tract infection. | | CO3 K2 |
| 13.a. Enumerate types of dialysis. | | CO4 K3 |
| | (or) | |
| 13.b. Discuss renal Replacement therapy. | | CO4 K3 |
| 14.a. Write on renal function tests with its clinical implication. | | CO1 K4 |
| | (or) | |
| 14.b. Describe chronic kidney diseases. | | CO2 K2 |
| 15.a. Clinical examination for genito urinary system disorders. | | CO1 K3 |
| | (or) | |
| 15.b. Discuss Renal neoplasia. | | CO3 K2 |

Part C
Answer ALL questions
Each answer should not exceed 800 words or four pages

5 x 12 = 60

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| 16.a. Classify Renal failure and write briefly on clinical features and its diagnosis. | | CO3 K3 |
| | (or) | |
| 16.b. Basis of urine formation and write briefly on clinical relevance of urine analysis. | | CO1 K3 |
| 17.a. Write an essay on Physiology of kidney. | | CO1 K3 |
| | (or) | |
| 17.b. Discuss cardio vascular aspect of kidney disease. | | CO5 K2 |
| 18.a. Discuss interpretation of electrolyte and acid base parameters in blood and urine. | | CO2 K4 |
| | (or) | |
| 18.b. Write on endocrine aspects of kidney disease. | | CO3 K2 |
| 19.a. Discuss briefly on Diabetic kidney disease. | | CO5 K2 |
| | (or) | |
| 19.b. Enumerate renal biopsy and biomarkers in acute and chronic kidney diseases. | | CO2 K3 |
| 20.a. Discuss on micro and macro vascular diseases of kidney. | | CO2 K2 |
| | (or) | |
| 20.b. Legal and ethical issues in renal transplantation. | | CO5 K4 |
