**Module URS Blueprint**

**MCQ and SAQ**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Topic** | **Type** | **Hours** | **%** | **Mid MCQ** | **Final MCQs** | **Final SAC** | **Total marks** |
| Anatomy of the kidney, ureter and urinary bladder | L | 8 | 20% | 3 | 3 | 3 | 9 |
| Histology of the kidney, ureter and urinary bladder  | L | 8 | 20% | 3 | 3 | 3 | 9 |
| Physiologic structure of the nephron of the kidney, types of nephrons, formation of urine and renal blood and plasma flow  | L | 2 | 5% | 1 | 1 | - | 2 |
| Glomerular filtration rate and reabsorption of sodium, potassium and glucose and diuretics  | L | 6 | 15% | 1 | 4 | 2 | 7 |
| Function of the different tubular segments and reabsorption of water and concentration of urine  | L | 4 | 10% | 2 | 3 | - | 5 |
| Renal handling of glucose and sodium | L | 6 | 15% | 1 | 4 | 2 | 7 |
| Mechanism of urine concentration | L | 2 | 5% | 1 | 1 | - | 2 |
| Counter current mechanism | L | 2 | 5% | 1 | 1 | - | 2 |
| Acid base balance | L | 2 | 5% | 1 | 1 | - | 2 |
| **Total** |  | **40** | **100%** | **15** | **20** | **10** | **45** |

**Module work & practical**

|  |  |  |
| --- | --- | --- |
| **Subject** | **Module work (7 marks)** | **Practical (23 marks)** |
| **Physiology** |  | 10 Electronic | 3 OSPE |
| **Anatomy** |  | 3 Electronic | 2 OSPE |
| **Histology** | Drawing juxta glomerular app | 3 Electronic | 2 OSPE |