



MCR-M201289 Seat No. _____
Certificate Course in Dialysis Technique
Examination
May/June - 2018
Anatomy & Pathophysiology of Kidney

Time : 3 Hours]

[Total Marks : 80

- Instructions :**
- (1) Attempt three questions from each section.
 - (2) Q. 1 and 5 are compulsory.
 - (3) Tie each section separately.
 - (4) Figures to the right indicate full marks for the respective question.

SECTION-I

- | | | |
|----------|---|-----------|
| 1 | Explain in brief about nephron with suitable diagram and write the functions of kidney. | 20 |
| 2 | Write a short note on acute renal failure (ARF). | 10 |
| 3 | Discuss in brief about physiology of urine formation with suitable diagram. | 10 |
| 4 | Describe in detail about chronic renal failure (CRF). | 10 |

SECTION-II

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|----------|---|-----------|
| 5 | Describe in brief about hormones associated with renal system and erythropoietin. | 20 |
| 6 | Write a note on renal anemia. | 10 |
| 7 | Explain the role of diabetes in kidney diseases. | 10 |
| 8 | Give brief account on the role of hypertension in kidney diseases. | 10 |