

VERY SHORT ANSWER Type Questions

|1 Mark |

1. What is the principle on which dialysis works?
2. What is the material used in the process of haemodialysis as semipermeable membrane?
3. What is renal transplantation?

SHORT ANSWER Type I Question

|2 Marks |

4. Comment on the donor's kidney used in a transplantation.
5. Discuss the effects of the factor angiotensin II.
6. Discuss the role of osmoreceptors in the maintenance of osmotic condition of body fluid.

SHORT ANSWER Type II Questions

|3 Marks |

7. Describe the hormonal feedback circuits in controlling renal functions.
8. Why is it not advisable to drink a lot of water after heavy sweating?

LONG ANSWER Type Questions

|5 Marks |

9. Why have birds and mammals evolved counter current mechanism to excrete hypertonic urine? Discuss the components of this counter current mechanism and its working.
10. Describe how do the hormones help in osmoregulation in man?