

CHAPTER- 8 – EXCRETION

2/3 MARK QUESTIONS:

1. Which part of the autonomic nervous system is involved in micturation process?
2. **In which segment if the nephron most of the reabsorption of substances takes place?**
3. **Which segments is the site of secretion and regulated reabsorption of ions and pH homeostasis?**
4. **Differentiate protonephridia from metanephridia.**
5. What is the nitrogenous waste produced by amphibian larvae and by the adult animal?
6. **How is urea formed in the human body?**
7. **Differentiate cortical from medullary nephrons.**
8. **Name the three main hormones that are involved in the regulation of the renal function?**
9. Name any four nitrogenous waste products produced by animals.
10. **What is Micturition?**

5 MARK QUESTIONS:

1. With regards to toxicity and the need for dilution in water, how different are ureotelic and uricotelic excretions? Give examples of animals that use these types of excretion.
2. **What is tubular secretion? Name the substances secreted though the renal tubules.**
3. How are the kidneys involved in controlling blood volume? How is the volume of blood in the body related to arterial pressure?
4. **Explain the structure of kidney.**
5. **Explain the structure of nephron.**

* Questions in **Bold** are very important