

ONE TWO ACADEMY**STD 10 SCIENCE****Structural Organisation of Animals****Total:- 25 marks****Time:- 45 minutes****Answer the following questions:****4 x 1 = 4**

1. _____ spinal nerves are present in rabbits.
2. Define Viviparous.
3. The brain of the leech lies above _____.
4. Mammals are _____-blooded animals.

Answer any three of the following questions:-**3 x 2 = 6**

- 5.. Why are the teeth of rabbit heterodont?
6. Write the dental formula for rabbit?
7. How does leech respire?
8. Leeches do not have an elaborate secretion of digestive juices and enzymes. Why?

Answer any two of the following questions:-**2 x 4 = 8**

9. How does locomotion take place in leech.
10. a) What is the scientific name of a) Leech b) Rabbit?
b) What do rabbits and leech eat?
11. List out the parasitic adaptations in leech.

Answer any one of the following questions:-**1 x 7 = 7**

12. Explain the male reproductive system of rabbits with a labelled diagram.
13. a) Discuss the medicinal value of leech.
b) What is Bloodletting?
c) What is hirudin?