

- Q. Discuss the advantages and disadvantages of a closed circulatory system.
- Q. The digestive system of human is intermediate between that of strict carnivores and that of strict herbivores. How might you expect your digestive system to be different if we had fed exclusively on plant tissues throughout our evolutionary history.
- Q. Explain why we become warmer during exercise and explain the usefulness of shivering when it is cold.
- Q. State True or False. i) The loss of water vapour by a plant is called transpiration. **T**
- ii) Translocation is the transportation of the products of photosynthesis. **T**
- iii) Stretching of inner wall of guard cells open the stomata. **T**
- iv) Arteries are the widest blood vessels. **T**

n) Bowman's capsule is found in the kidney.

①. any closed circulatory system with much higher blood pressure through it is said to be more efficient considering that it uses much less blood for even faster and higher levels of distribution.

②. any Yes, digestive system of human is immediate between that of strict carnivores and strict herbivores because our system depends upon its diet.

③. any) shivering is muscle activity that generates heat and warms the body. Similarly some insects vibrate their wings and heat is produced.