

VISWABHARATI - GUDIVADA

WORK SHEET - 2

Chapters: 3,4 EVS 7-12

Class: X

Subject: Biology Science

Name _____ Class/Sec: _____ Roll No: _____

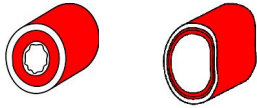
Time: 75min

Marks: 30

D) Answer the following Questions

15 × 2 = 30

1. Artery walls are very strong and elastic. Why?
2. What is the function of Pulmonary Vein?
3. Observe the pictures and write the differences between them



4. What precautions you would suggest to your elders about Edema?
5. A person is injured while playing on the ground Blood is flowing continuously. What might be the reasons?



6. A) The given picture conveys you an important biological process in plants. What is it?
B) I am present in the lower part of leaf and biological process occurs through me. Who am I?

7.

Name of the animal	Weight of the body	Weight of the heart	No. of beats/min
Blue whale	1,50,000 kg	750 kg	7
Elephant	3000 kg	12 - 21 kg	46
Man	60-70kg	300 gm	76
Coaltit (Bird)	8 gm	0.15 gm	1200

Observe the table given above and analyse the questions.

- A) Why is heart beat less in animals with more weight?
 - B) What is the relation between weight of Heart and No. of heart beat?
8. Sarada said that “Nephrons are functional and structural units of Kidneys”, How will you support her?
 9. Write the differences between Excretion and Secretion.
 10. Write two slogans to popularise the awareness on “Organ Donation”.
 11. What are metabolites in plants?
 12. Think why the diameter of the efferent arteriole is less than that of afferent arteriole?
 13. What are excretory organs in the following phylum's?
A) Platy helminthes B)Annelids C) Arthropod D) Echinodermata
 14. Shalini went to shop to buy a bulb, the shop keeper asked her that whether she wants incandescent bulb, fluorescent bulb or LED bulb, which will be better? Why?
 15. Ragahavaiah cultivated marigold in “mirchi” (Chilli) field. Why? Explain the reasons.