



BIOLOGY

BOOKS - VGS BRILLIANT BIOLOGY

(TELUGU ENGLISH)

**TRANSPORTATION - THE CIRCULATORY
SYSTEM**

Conceptual Understanding

1. What is transport system ? How does this help to the organism?



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2. What is the importance of transport system in the organisms?



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3. What is the relationship between blood and plasma?



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4. What is the relationship between blood and plasma?



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5. Which type of blood vessels carry blood away from the heart?



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6. Which blood vessels carry blood from heart to body parts?



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7. What are the three main types of blood vessels in the body?



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8. Which is the largest artery in body? Why it is big in size?



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9. Which blood vessel carries blood for oxidation?



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10. Name the structures which are present in veins and lymph ducts and absent in arteries.



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11. What is the use of platelets?



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12. Difference between systolic and diastolic blood pressure is



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13. Write differences between
Veins - Arteries ?



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14. Write differences between

Xylem - Phloem ?



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15. Explain the way how plants get water by osmosis through root hair?



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16. Explain the way how plants get water by osmosis through root hair?



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17. Explain the way how plants get water by osmosis through root hair?



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18. What is root pressure ? How is it useful to the plant?



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19. Phloem is a food source for some animals. How can you justify this statement?



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20. Read the given para and name the parts of the heart?

"We have observed that the heart is divided into four chambers by muscular structure. Any structure that divides two chambers is known as septum. Now let us try to name the septa present in the heart".

The septum that divides the two atria can be named as.....



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21. The septum that divides the two ventricles can be named as.....



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22. The septum that divides the atrium and ventricle can be named as.....



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23. "The holes that connect two chambers are called apertures. Let us try to name the

apertures which connect the atria and ventricles".

The aperture that is connecting the right atrium and right ventricle can be named as.....



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24. The aperture that is connecting the left atrium and left ventricle can be named as.....



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25. "Any structure that closes an aperture, and allows one way movement of materials is called valve. Now let us name the valves that are present in the chambers of the heart".

The valve that is present between left atrium and left ventricle can be named as.....



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26. The valve that is present between right atrium and right ventricle can be named

as.....



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Asking Questions And Making Hypothesis

1. If the valves in veins of the legs fail to stop the flow of blood, what could be the consequences of this failure?



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2. What will happen if cell sap of root hair cells contain high concentration of ions?



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Experimentation And Field Investigation

1. John prepared stethoscope with paper cup and plastic tube. Write down the procedure of preparation?



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2. How can you prove that the water transport through the xylem?



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3. What is your inference about experiments with aphids?



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1. Collect information about blood pressure of your school teachers or your neighbours and prepare a report on their health problems?



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Communication Through Drawing Model Making

1. Draw a block diagram to explain single and double circulation. Write differences between them?



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2. Prepare a block diagram showing from water absorption by roots to transpiration by leaf?



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Appreciation And Aesthetic Sense Values

1. What do you want to compare with the transportation in blood vessels in man?



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2. How do you feel about transportation of water in huge trees?



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Application To Daily Life Concern To Biodiversity

1. Prepare a cartoon on heart beating?



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2. After reading this lesson, what precautions would you suggest to your elders about edema?



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Activities

1. How can you find out your pulse rate ?



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2. How do you observe the pulse rate of classmates?



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3. How do you observe the pulse rate of classmates?



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4. In the experiment of anaerobic respiration with yeast

What did you understand about anaerobic respiration?



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5. When do you think that our pulse rate goes up?



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6. What does the pulse rate show?



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7. How do you observe the pulse rate of classmates?



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8. What activities will you do to find relation between heart beat and pulse rate?



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9. What is the relationship between the heart beat and the pulse?



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10. Can we say, the pulse rate is always equal to the heart beat?



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11. How do you observe the mammalian heart?



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12. What precautions you have to take in the observation of internal structure of

mammalian kidney?



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13. Write your observation of blood flow in arteries and veins?



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14. How is water absorbed into the roots?
Explain with an experiment?



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15. Explain the way how plants get water by osmosis through root hair?



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16. Describe an experiment to demonstrate root pressure in plants?



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Questions Given In The Lesson

1. Is the thickness of the wall of the heart uniform throughout?



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2. How many chambers are present in the heart ? What are they?



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3. Are all the chambers connected to each other?



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4. Are all the chambers connected to each other?



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5. What are the other differences could you observe between the chambers?



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6. How are they connected to each other? How are they separated?



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7. Do you find any specific observation in between two chambers?



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8. How many times did your pointer touch the heart in fig. - 11(a) and (b)?



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9. What is the mechanism behind this?

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10. Are root directly in contact with water?





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11. How is water absorbed ?



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12. Is there any increase in the water level?



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13. What is the role of xylem?





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14. What is the number of blood vessels attached to the heart?



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15. Are all the blood vessels right? How many of them are rigid?



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16. Do you think that the stiffness/rigidity of blood vessel is something to do with circulation?



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17. Why do our legs swell?



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18. Is there anything like that in plants which corresponds to circulatory system?



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19. Answer the following after reading the experiment conducted by William Harvey in textbook page no. 54 & 55.

In which blood vessels valves are found ? What do you think is the function of the valves in them?



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20. Why do subcutaneous blood vessels bulge on the side away from the heart when the hand is tied?



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21. The deep seated blood vessels bulge on the side towards the heart when tied. What do you understand from it?



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22. There are valves in the heart between atria and ventricles. Is the purpose of valves in the veins and arteries same?



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23. After reading the experiments by Harvey fill in the following table. Use the clues/options given in the first column?



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Think Discuss

1. Artery walls are very strong and elastic.

Why?



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2. Why do compare arteries like tree which divides into smaller and smaller branches?



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3. Why do veins have thin walls as compared to arteries ?



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4. The term reproductive health refers to

A. Heart

B. Vein

C. Lymph

D. Capillary

Answer: A



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5. On which side of the human heart is low in oxygen?

- A. Left ventricle
- B. Right ventricle
- C. Left atrium
- D. Right atrium

Answer: A::B::D



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6. Which structures of the heart control the flow of the blood?

A. Arteries

B. Veins

C. Valves

D. Capillaries

Answer: C



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7. Which of the following opinions is correct?

A. Ravi said xylem and phloem cells arranged one upon the other to form a tube like structure.

B. John said xylem and phloem are not separate tube like structures.

C. Salma said, xylem and phloem cells connect together to form tube like structure.

D. Hari said because of its shape they said to be tube like structure.

Answer: C



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8. An aphid pierces its proboscis into the.....to get plant juices?

A. Xylem

B. Phloem

C. Cambium

D. Vascular bundle

Answer: B



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Creative Questions For New Model Paper

1. Identify the labelled part 'x' in the above figure?



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2. Name the type of circulatory system shown in the above figure?



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3. Name the type of circulatory system shown in the above figure?



[View Text Solution](#)

4. The above figure is associated with which system?



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5. Name the instrument shown in the above figure?



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6. What is the use of above shown instrument in the figure?



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7. What process do you observe in the above picture?



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8. Identify the labelled part 'x' in the above figure?



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9. What do you prove by this experiment?



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10. What phenomenon do you observe in the above figure?



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11. From which part of the plant body does the aphid is getting it's food ?



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12. Identify the scientist with the help of the following paragraph?

"He dissected the hearts of dead people and studied the valves between each atrium and its ventricle."





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13. Identify the scientist?

"He found that in one hour, the heart pumped out a quantity of blood that was three times the weight of a man."



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14. Name the scientist, who conducted studies on the wings of bat to observe blood capillaries?



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15. Observe the following classification and complete the blank?



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16. Observe the classification and complete the blank ?





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17. Observe the flow chart and complete the blank?



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18. We are the microscopic vessel made of single layer of cells. We allow diffusion of various substances. We establish connection between arteries and veins. Who are we?



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19. I collect blood from the body parts. I have valves and blood pressure is low. Who am I?



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20. I distribute blood to the body parts from heart. I have no valves. I have high blood flow pressure. Who am I?



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21. I transport water and minerals from roots to the apical parts of the plant. Who am I?



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22. I transport food materials from the leaves to growing parts of the plant. I have sieve tubes and sieve cells. Who am I?



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23. I am the middle man of the bldy. I help in assimilation of digested food. I am responsible for causing edema. Who am I?



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24. I am a part of blood. I am responsible for blood coagulation. Who am I?



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25. I am the largest artery of our body to supply platelets. I start the process of blood coagulation. Who am I?



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26. I am an enzyme. I secreted from the blood platelets. I start the process of blood coagulation. Who am I?



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27. I supply blood to the heart muscles. Any blockage in the leads to heart attack. Who am I?



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28. Identify the mismatched pair.

- 1) Double circulation - Man
- 2) Single circulation - Fish
- 3) 13 -chambers - Frog.



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29. Identify the mismatched pair.

- 1) Blue coloured blood - Snake
- 2) Red coloured blood - Monkey
- 3) White coloured blood - Cockroach.



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30. Identify the mismatched pair.

- 1) Xylem - Transport of food
- 2) Phloem - Transport of water

3) Root pressure - Push the water in the conducting vessels.



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31. Identify the mismatched pair.

1) Blood platelets - Blood coagulation

2) Lymph - Middle man

3) Haemoglobin - Transport oxygen only.



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32. Complete the blanks ?

In blood.....pigment is present. It helps in transportation of gases. When, it combines with oxygen to form.....



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33. The valve that is present between right atrium and right ventricle is called..... The valve that is present between left atrium and right ventricle is called.....





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34. Marcello Malpighi studied.....and discovered the micro blood vessels called.....



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35. Veins have.....to provide one way direction of flow. The blood pressure in veins is.....



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36. The normal blood pressure in man is..... It is measured with an instrument called.....



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37. Read the sentence, find the error and rewrite it.

The yellowish straw coloured fluid portion after formation of the clot is plasma?



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38. Blood coagulation sometimes become delayed due to the deficiency of vitamin C.



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39. Haemophilia is a vitamin deficiency disorder?



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40. Thalassemia is the disease in which high percentage of haemoglobin is present?



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41. In elder it will be clear that the lower part of the leg will be swollen. It is called blood pressure.



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42. Observe the following placards. In which occasion will you use these placards?



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43. Observe the following placards. Can you suggest one occasion to use them in your school?



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44. I am an anticoagulant of blood. I can stop the clotting of blood inside the blood vessels.

Who am I?



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45. I am always the companion of doctor. Doctors can hear the heart beat with my help.

Who am I?



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46. Expand B.P.



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47. Expand E.C.G.



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48. Expand W.B.C.



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49. Expand R.B.C.



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50. Which of the following group, represent the correct pathway of blood flow in human body?

A) Body parts → Left atrium → Left ventricle → Lungs → Right atrium → Right ventricle → Aorta.

B) Body parts → Right atrium → Right

ventricle → Lungs → Left atrium → Left
ventricle → Superior vena cava.



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51. Stuy the following pairs.

- a) Stethoscope - Rene Laennec
- b) Blood pressure - Thermometer
- c) Amoeba - Brownian movement

Identify the mis-matched pair?



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52. Which of the following statements are true?

- 1) Arteries have thick walls.
- 2) Arteries carry blood from heart to body parts.
- 3) Arteries have low blood pressure.
- 4) Pulmonary artery carries Oxygenated blood.



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53. Name the enzyme that involves in the conversion of fibrinogen into fibrin?



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54. Valves play special role in the circulatory system.They cannot allow the reverse flow of blood. Which of the below vessels have valves?



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55. Write missing words (A) & (B) from following flow chart.





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56. Read below sentence. Identify in which part it is wrong. Explain with suitable word.

Unicellular like amoeba transport of substances takes place by means of Brownian movements.



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57. What phenomenon do you observe in this figure?



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58. Arrange the flow chart in the correct order.



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59. Identify the mismatched pair.

1) WBC → Oxygen transportation

2) RBC → Microscopic policeman

3) Platelets → Blood coagulation.



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60. Can you indentify the structures of transport system?



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61. Complete this flow chart.



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62. Complete the missing part.



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63. In this picture of heart, 'X' denotes?



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64. Identify the mis-matched pair.

- 1) Heart beat of new born - 100 -150
- 2) Heart beat of athlete - 60-100
- 3) Heart beat of an adult man - 90-100.



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65. What is the process going on in the above picture?



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66. In the experiment, which is responsible for the increase in the water level in the stem?



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67. Identify the mis-matched pair.

1) 2 chambered heart - Fish

2) 13 chambered heart - Snake

3) 4 chambered heart - Elephant.



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68. Earthworm : Pulsative vessel,

Arthropods :



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69. Identify the mismatched pair.

1) Middle Man of the body - WBC

2) Fabrici - Wings of the bat

3) Harvey - blood circulation in human beings.



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Preparation Questions For The Examination Purpose

1. What is the heart beat rate in infants (3 -4 months)?



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2. What is the heart beat rate in infants (3 -4 months)?



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3. What is the heart beat rate in infants between 6 -12 months?



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4. What is the heart beat rate in children aged between 1 -10 years?



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5. What is the normal heart beat rate is adults?



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6. What is the heart beat rate in well trained adults and athletes?



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7. Who invented stethoscope?



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8. What is the blood pressure in a normal healthy man?



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9. Name the scientist who noticed valves in the leg veins for the first time?



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10. Name the outer protective membrane of heart?



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11. Doctors measure the blood pressure with a device. What is it?



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12. Name the chambers of our heart?



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13. If transportation does not take place in plants, what process will not occur?





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14. Where can we observe single circuit blood circulation?



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15. Name the part that is associated with transport of water in plants?



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16. Which part in the plants is involved in the transportation of food materials?



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17. What materials do you require in the preparation of an apparatus to know the pulse rate?



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18. Name the enzyme that involves in the conversion of fibrinogen into fibrin?



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19. What percaution do you take while conducting the experiment on root pressure?



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20. Abhi's heart beat is 72 per minute. Then what is his pulse rate?



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21. Name the vitamin responsible for the coagulation of blood.



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22. When does the heart beat start in the human embryo?



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23. What happens if haemoglobin is absent in blood?



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24. ____ play an important role in blood clotting



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25. What is shape of human heart?



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26. Name the blood vessels that supply blood in the walls of heart?



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27. What is the number of blood vessels attached to the heart?



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28. Which is the largest artery in body? Why it is big in size?



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29. Name the blood vessel that supplies oxygenated blood to the heart from lungs?



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30. Where do superior and inferior vena cava open into?



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31. Where do pulmonary vein which carries oxygenated blood open into?



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32. Aorta which supplies oxygenated blood to the body parts arise from?



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33. Pulmonary artery which supplies deoxygenated blood to lungs arise from?



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34. What is the location of mitral valve?



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35. What is the time taken to complete one cardiac cycle?



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36. During rest, what is the rate of heart beat in human beings?



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37. Where can we observe the protoplasmic movements called Brownian movements?



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38. In which animals, the digestive system is highly branched and supplies digested food to all cells directly?



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39. Pseudocoelom has taken up the function of collection and distribution of food materials. In which organisms you can observe this?



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40. Which part of Hydra enables the transportation of food?



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41. Where do you observe 13 -chambered heart?



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42. What are the first Eucoelomate animals?



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43. The transportation in earthworm is aided by?



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44. Name the transportation system that supplies nutrients to the tissues directly?



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45. Where can you observe the open type of circulatory system?



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46. Name the type of transport system where the blood takes the responsibility of delivering the materials, which flows in the blood vessels?



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47. Give examples for closed type of circulatory system?



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48. What is the time taken for the supply of 1ml of blood from heart to a foot and back in human beings?



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49. What occupies the space between the pleural membranes of the lungs?



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50. Name the muscles that help in that pushing of lymph flowing in the lymphatic vessels towards the heart?



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51. Name the enzyme that is released by platelets when we got an injure and the blood came out?



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52. What is the genetic defect in which the blood may not coagulate?



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53. What is the part that emerges out of the germinating seed?



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54. Name the mammals that scratch the bark of trees to get food stored in the phloem?



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55. Identify the scientist?

"He found that in one hour, the heart pumped out a quantity of blood that was three times the weight of a man."



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56. Name very fine the blood vessels that connect the smallest arteries and veins in our body?



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57. What is the active stage of a cardiac cycle?



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58. What is the time needed for atrial contraction?



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59. Name the factors responsible for high transpiration rate in plants?



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60. What is the reason for the heart beat?



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61. What is "the middle man of the body"?



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62. In which part of our body, the blood pressure is measured?



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63. What happens in systole?



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64. Name the straw coloured fluid portion after formation of blood clot?



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65. What plays an important role in the absorption of water?



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66. 'The avaporation of water through stomata of leaves takes place". What do you call this phenomenon?



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67. Who gave the detailed account of blood circulation in human beings?



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68. What is responsible for the continuous column of moving water in Xylem vessels?



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69. Name the scientist, who conducted studies on the wings of bat to observe blood capillaries?



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70. The valve that is present between right atrium and right ventricle can be named as.....



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71. What is the valve present on the left auriculo ventricular septum between left atrium and left ventricle?



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72. What method do you suggest to control high blood pressure?



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73. The normal blood pressure in man is 120/80 mm of Hg. What does 120 in this value represent?



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74. 'The normal B.P in man is 120/80 mm/Hg''

What does 80 in the valve represent?



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75. Where do Aphids get their food?



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76. What is responsible for the transpiration stream in very tall plants like Red wood?



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77. In elders, the lower part of the leg will be swollen. What do you call this condition?



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78. What is the time needed for the ventricular contraction?



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79. Is there any relation between weight of the body and heart beat rate ?



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80. How many chambers are present in the heart of blue whale?



Watch Video Solution

81. Name very fine the blood vessels that connect the smallest arteries and veins in our body?



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82. In which animals, the digestive system is highly branched and supplies digested food to all cells directly?



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83. Which has taken up the function of collection and distribution of materials in Nematyhelmenthes?



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1 Mark Questions

1. What happens if blood platelets are absent in blood?



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2. Two person's blood Pressure is like this:



Whose blood pressure is high? What does it indicate?

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3. When do you think that our pulse rate goes up?

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4. How does lymph differ from blood?



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5. List out the materials you have used to observe the goat heart in your laboratory?



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6. List out the apparatus required to conduct root pressure experiment in plant?





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7. Which is the largest artery in body? Why it is big in size?



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8. Name the apparatus, shown in the figure?

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9. What happens if there are no valves in the Heart?



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10. What is the size of our heart?



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11. What is the shape and structure of heart?



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12. Which protects the heart from shocks?



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13. What is cardiac cycle?



Watch Video Solution

14. What is cymphatic system?



Watch Video Solution

15. What is lymph?



Watch Video Solution

16. What is tissue fluid?



Watch Video Solution

17. What is double circulation?



Watch Video Solution

18. What is hypertension?



Watch Video Solution

19. What is serum?



Watch Video Solution

20. What is haemophilia?



Watch Video Solution

21. In root where was xylem tissue situated?



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22. Where do we find xylem in stems?



[Watch Video Solution](#)

23. What is transpiration ?



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24. What is Edema ?



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25. What is single circulation of blood?



Watch Video Solution

26. What is double circulation?



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27. What is open type of circulatory system?



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28. Name the two types of transport systems in human beings?



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29. Name the two parts of a plant through which its gaseous waste products are released into the air?



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30. What does the pulse rate show?



Watch Video Solution

31. How many layers are covering the heart?



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32. Which end of the heart is broader and which end is narrow?



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33. Why are the artery walls very strong and elastic?



[Watch Video Solution](#)

34. What is the function of Gastro vascular cavity?



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35. Which animals are encouraged by foresters to keep down the population of vales and rabbits?



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36. Which animals do great damage particularly to beech and sycamore?



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37. Sometimes barks of the tree are damaged more than a half, even though tree is alive. How is this possible?



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38. Which of the four chambers of the human heart has the thickest muscular walls?



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39. What factors contribute to rate of transpiration?



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40. How does transpiration pull help in ascent of sap?



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41. What is translocation ?



Watch Video Solution

42. What happens if valves between left auricle and left ventricle do not work properly?



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43. What happens if the concentration of solution in root hair cell is less than the soil water?



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44. What is closed type of circulation system?



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45. What is Thalassemia?



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46. How does opening and closing of stomata take place?



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47. Why it is advised to take low amounts of salt in food ?





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48. Why is Rhesus factor ?



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49. What happens if the concentration of solution in root hair cell is less than the soil water?



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2 Mark Questions

1. Using the data collected by you, from internet and other sources, make a report on coagulation of blood?



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2. What questions do you ask teacher to know about the coagulation of the blood?



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3. What questions do you ask teacher to know about the coagulation of the blood?



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4. Where are the valves located in human heart? Write their names valves present in human heart.



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5. Neelima conducted an activity on her friends and got the following results.



What is the relation between heart beat and pulse rate?



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6. Why the heart beat rate is more after jogging?



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7. A person is injured while playing on the ground. Blood is flowing continuously. What might be the reasons?



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8. How did you prepare a matchstick Stethoscope in your school?



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9. By the information provided by scientist William Harvey, complete the following tables?



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10. After reading the functions of lymphatic system, what precautions you would suggest to your elders about Edema?



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11. What happens if there are no valves in veins?



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12. What will happen if pulmonary veins are tied with a thread?



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13. Suggest some precautions to avoid cardiac problems?



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14. What changes would you like to bring in your life style to avoid cardiac problems?



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15. Observe the following table and answer the questions.



What is meant by Cardiac cycle?

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16. What is weight of human heart and heart beat rate ?

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17. Read the para:



Now, answer the questions:

What happens if blood is not coagulated?

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18. Which enzyme helps in the coagulation process?

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19. Identify the mineral required for the conversion of prothrombin into thrombin



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20. What do we call yellow coloured fluid appear after the formation of the clot?



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21. Which items do you take into consideration to explain the differences of arteries and

veins?



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22. When you know the heart pumping method in circulatory system, which issue did you remember particularly? What's the reason for that?



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23. Classify different types of blood vessels in humans. On what bases do you classify blood vessels?



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24. Anil fell down while going to school, got knee injury, started bleeding. After sometime he was wondered by seeing blood clot. Why did blood clot?



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25. Describe the blood vessels that carry away blood from human heart?



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26. How is the human heart protected from shocks or injuries?



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27. When are the 'lubb' and dubb' sounds produced by heart?



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28. What is cardiac cycle ? How does it occur?



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29. What is cardiac cycle?



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30. What are the components of the transport system in highly organised plants ?



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31. State the role and function of lymph in human transport system?



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32. A certain tissue in a green plant somehow gets blocked and the leaves wilted. What is the tissue that gets blocked?



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33. What happens if valves between left auricle and left ventricle do not work property?



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34. Write the differences between blood and lymph?



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35. How does transpiration help plants ?



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36. Transpiration is necessary evil. Explain?



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37. How will you appreciate function of human heart since 21st day of embryonic stage to till death?



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38. In some people blood does not coagulate. Give the reasons for it?



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39. What is Haemophilla? What are the causes for it?



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4 Mark Questions

1. Describe the internal structure of heart with a neat labelled diagram.



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2. What is called pumping station in human body ? Explain its structure with suitable diagram.



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3. What is coagulation ?



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4. Collect information from internet and other sources about blood clotting and prepare a

note on it.



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5. Read the tabel and answer the following questions.



In which phylum, blood vessels are first formed ?



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6. In which phylum, organisms have haemoglobin in their blood ?



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7. In which phylum, digestive system helps in transportation ?



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8. Why do Arthropods have open circulatory system ?



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9. Total number of valves in human heart are



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10. Ramu got injured while playing Kabaddi. His blood clotted within 6 minutes. Write the

procedure involved in it.



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11. Read the para :



Now, fill the table with the above information.



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12. Write a short note on Human Lymphatic System and its functions.



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13. Observe the given diagram. Which type of cardiac cycle does it indicate ? Explain the process that happens here.



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14. In human body "A" is a pumping organ. From lungs blood vessel "B" with oxygenated blood enters upper "C" Part of left chamber of the organ. When " C" chamber contracts blood flows into "D" lower left Chamber. Contracts blood is pumped to all parts of the body except lungs through blood vessel E. Deoxygenated blood from body parts is collected by blood vessel "F" and opens upper "G" right chamber. This chamber contracts blood flows "H" lower chamber. Lastly "H" contracts De-oxygenated blood sent to lungs

by blood vessel "I".

What organ does 'A' represents ?



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15. What blood vessels are (i) B (ii) E (iii) F and (iv) I ? Write their names.



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16. What chambers are (i) C (ii) D ?



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17. What blood vessels are (i) B (ii) E (iii) F and (iv) I ? Write their names.



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18. Write about the blood vessels that bring blood to human heart.



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19. What is blood pressure ? How is it measured ?



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20. What is the need of special tissues or organs for transport of substances in plants and animals ?



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21. Explain the process of transport of mineral salts.



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22. Write about the changes in the evolution of transport system in animals.



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23. How are water and minerals transported in plants ?



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24. How is manufactured food in leaves transported to other parts of the plant ?



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25. Explain the process of absorption of water by the root hair and movement of water in xylem.



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26. If you get chance to meet a cardiologist / cardiovascular surgeon, what questions will you ask about the problems related to heart ?



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27. Write briefly about the work done by William Harvey on circulation of blood.



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28. What was the classical experiment conducted by William Harvey to demonstrate movement of blood in veins ?



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29. What was the classical experiment conducted by William Harvey to demonstrate movement of blood in veins ?



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30. Write an experiment to illustrate the conduction of sugars by phloem.



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31. Observe following table and answer questions given below.



In which animal is the heart beat rate very slow ?



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32. What is weight of human heart and heart beat rate ?



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33. Which animal has the highest heart beat rate ?



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34. Is there any relation between weight of the body and heart beat rate ?



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35. Draw T.S. of arteries and veins. Write flow of blood in between them?



Watch Video Solution

36. Draw T.S. of arteries and veins. Write flow of blood in between them?



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37. The diagrams given below show cross-section of two kinds of blood vessels?



Identify the blood vessels A and B. In each case, give reasons to support your answer?

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38. Name the parts numbered 1 and 2?

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39. In following block diagram, write the missing parts. Name the parts 1,2,3 and 4?



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