## **Transportation in Animals and Plants**

## **ORAL QUESTIONS**

	<b>A.</b>	Answer	these	questions	orally	7.
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- 1. Name the instrument used to measure heart beat.
- 2. What are the extremely thin tubes that join arteries and veins called?
- 3. Name the excretory organs present in humans that filter blood to remove nitrogenous wastes.
- 4. Name the two components of blood.
- 5. What is the nonliving liquid part of the blood called?

## B. Fill in the blanks.

1.	Complex animals have a well-developed system.
2.	Transport in plants is done by system.
3.	carries oxygen and gives red colour to our blood.
4.	help to stop bleeding by clotting the blood.
5.	The largest artery in our body is the
6.	Our heart is chambered.
7.	The vessels transport water and minerals in plants

## **PUZZLES/QUIZ**

C. Find out atleast ten terms related to chapter Transportation in Animals and Plants from the following word maze. Also write a few lines about them.

Н	Α	С	N	Q	D	Р	В	S	В	M
D	A	R	Т	Е	R	Y	D	Е	L	Z
Р	В	Е	Χ	С	R	Е	Т	I	0	N
L	L	Т	M	С	U	С	R	K	0	K
Α	0	S	M	0	S	Ι	S	F	D	М
Т	L	Е	U	J	G	Т	F	Z	N	G
Е	Т	С	A	Р	Ι	L	L	A	R	Y
L	V	S	W	J	Р	Н	L	0	Е	М
Е	Н	Е	A	R	Т	Х	Р	В	Y	Н
Т	R	G	D	I	Α	L	Y	S	Ι	S
S	Y	О	Χ	Y	L	Е	M	Е	I	N

D.	Satvik's teacher asked him to write a paragraph describing the structure of the human heart. He made certain mistakes while writing. Underline these mistakes and rewrite the paragraph correctly.
	Our heart is two-chambered. It has one auricle and one ventricle. The heart is divided into two halves by a thin muscular septum. Each half has a ventricle above and an auricle below. The left side of the heart has deoxygenated blood while the right half has oxygenated blood. The septum allows mixing of deoxygenated and oxygenated blood present in the right and left halves of the heart.
Б	
	Try to answer.
1.	Name the scientist who discovered that the blood circulates in our body in a closed system of vessels.
2.	What is dialysis?

3.	About how much blood circulates in our body?
4.	About how much urine is excreted by our body in 24 hours?
5.	What is the composition of urine?
	CLASS TEST
F.	Very short answer questions.
1.	What is blood?
2.	What does the circulatory system consist of?
3.	What is haemoglobin?
4.	What is a heart beat?
5.	What are platelets?
6.	How many times does a human heart beat per minute?
G.	Short answer questions.
1.	What is the need for transport system?
2.	List the functions of blood.

(c) Haemoglobin  (d) Blood platelets  Differentiate between.  (a) Auricles and Ventricles  AURICLES  VENTRICLES	List	the functions of the following:	
(a) Auricles and Ventricles  AURICLES  VENTRICLES  (b) Xylem and Phloem	(a)	Red blood cells	
(d) Blood platelets  Differentiate between. (a) Auricles and Ventricles  AURICLES  VENTRICLES  (b) Xylem and Phloem	(b)	White blood cells	
Differentiate between.  (a) Auricles and Ventricles  AURICLES  VENTRICLES  (b) Xylem and Phloem	(c)	Haemoglobin	
AURICLES  VENTRICLES  (b) Xylem and Phloem	(d)	Blood platelets	
AURICLES  VENTRICLES  (b) Xylem and Phloem	Diff	Gerentiate between.	
(b) Xylem and Phloem	(a)	Auricles and Ventricles	
•		AURICLES	VENTRICLES
·			
XYLEM PHLOEM	(b)	Xylem and Phloem	
		XYLEM	PHLOEM
			•

. Ho	w does skin act as an excretory organ?	
. Wh	ny do we sweat a lot in summer?	
 . Wh	ny do our coloured clothes develop wh	ite patches in the areas of under arms?
. Wh	nat are the functions of the vascular sys	stem?
. Lab	ng answer questions. bel the diagram shown alongside. Wha Pulmonary artery	at are the functions of the following.
(b)	Pulmonary vein	

2.	How is the 'lub' and 'dub' sound made by heart?
3.	Explain how the toxic wastes get removed from our body?
4.	How does transportation of food takes place in plants?
_	HOME ASSIGNMENT
	Think and answer.  What will happen if there are no white blood calls in blood?
1.	What will happen if there are no white blood cells in blood?
2.	What will happen if the oxygenated and deoxygenated blood get intermixed?
3.	Why is it necessary to excrete waste products?

4.		Im drew the diagram of human excretory system but forgot to label it.  Label the diagram.						
	(b)	What happens when blood passes through the kidneys?						
		WORKSHEET						
J.	Giv	re reasons for the following.						
1.	Wh	ite blood cells are called the soldiers of our body.						
2.	— The	e blood in arteries is bright red in colour.						
2	——	ves are present in veins.						
٠.	- v arv	res are present in veins.						
4.	Bloo	od flowing in veins is darker in colour.						

5.	We can see our veins but not arteries.
6.	Sometimes a doctor asks the patients to get their urine examined.