

Chapter 11

MULTIPLE CHOICE QUESTIONS

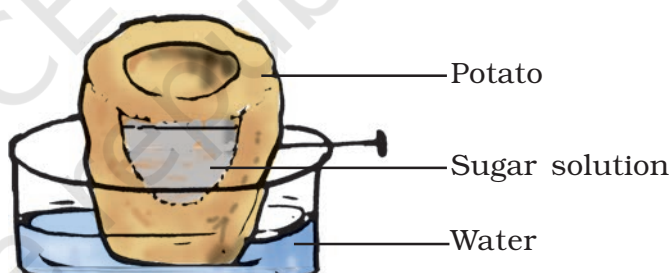
1. (c)
2. (d)
3. (d)
4. (c)
5. (c)
6. (c)

VERY SHORT ANSWER QUESTIONS

7. Blood flow in arteries is rapid and at a high pressure. Also arteries have thick elastic walls.
8. Heart is partitioned into four chambers.
9. Heart.

SHORT ANSWER QUESTIONS

10.



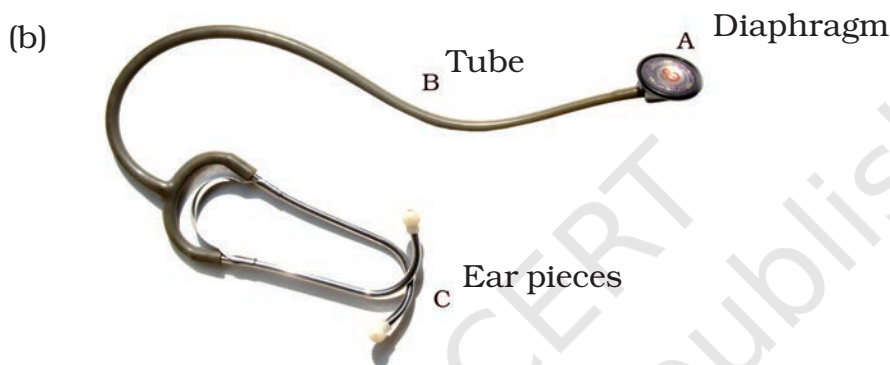
11. (d) → (e) → (b) → (a) → (c)
12. Possible answers are:
 - Without the root hairs the roots will not be able to absorb water and nutrients and the plant will die.
 - The stem of the rose plant may grow new roots and the plant will live.
 - The rose plant may not be able to survive in a different type of soil.
13. (a) Pulmonary artery
(b) It is so because arteries carry blood away from the heart.

14. (a) In dialysis, blood is filtered periodically through an artificial kidney.
(b) In the event of kidney failure.

15.

	Process		Organ
(a)	exhalation	-	lungs
(b)	egestion	-	large intestines and anus
(c)	excretion	-	kidneys
(d)	perspiration (sweating)	-	sweat glands

16. (a) The given instrument is stethoscope.



17. Hint: Transpiration generates a “suction pull” which draws water up the tall trees.

LONG ANSWER QUESTIONS

18. (i) (a); (ii) (d); (iii) (f); (iv) (b); (v) (e); (vi) (c)
19. (a) arteries, atria, capillaries, veins, heart.
(b) ureter, kidneys, urethra, urinary bladder.
(c) root hairs, xylem, phloem.
20. (a) arteries (b) veins (c) veins
(d) arteries (e) arteries (f) veins
(g) arteries (h) veins.
21. (a) A blood clot had formed.
(b) Dark red due to clotting of blood.
(c) Platelets.