



6. **Assertion (A):** Arteries have a thick elastic wall. (1)

**Reason (R):** In arteries, blood flow is rapid and at high pressure.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

### SECTION B

7. a) State one advantage of vegetative propagation. (1)

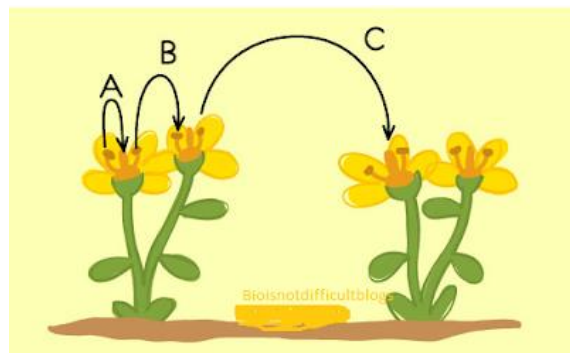
b) Name the process of asexual reproduction shown by the following organisms:

- i) yeast (1)
- ii) algae. (1)

8. Differentiate between arteries and veins. (three points) (3)

9. Observe the given figure and answer the following questions. (5)

- (a) What is pollination?
- (b) Identify the type of pollination shown in label C and define it.
- (c) Give one difference between unisexual and bisexual flowers with one example for each.



### SECTION C

10. Rohan's grandpa was diagnosed with kidney failure and rushed to hospital. He was supported by an artificial kidney till he got a suitable donor. Soon he underwent a kidney transplantation and was recovered.

- a) What is excretion? (1)
- b) Suggest any one way by which Rohan's grandpa can get relief in case of kidney failure. (1)
- c) Why do we need to remove waste products from our body from time to time? (2)

**Or**

Write the name of four organs of the human excretory system in their correct sequence.

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