

3-12-21

Periodic Assessment (2021-22)

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I

1. Ans These are blood vessels having mitral valve it allows the blood to flow only in 1 direction and ~~the~~ prevents the backflow of blood.
2. Ans a) by wind
b) by animals
3. Ans The platelets ~~will~~ act as a bandaid by forming a blood clot and stop the ~~ex~~ extra blood flow.
4. Ans Seed dispersal is important to plants ~~because~~ to form ^{new} plants.

II

5. b Kephron
6. ~~5. a~~ ~~all the above~~ Kidneys
7. a Dialysis
8. b Spin
9. c Tissue culture
10. c Over crowding of plants
11. ~~b~~ Development of new plant from spores
11. d Reproduction of a plants from reproductive organs
12. c Tissue

III

13. c ✓ A is true but R is false
14. a Both A and R are true, and R is the correct explanation of A.

IV

15 a

Layering is a form of propagation of plants where stem of above ground will develop into root but it will be attached to parent plant and grow as an individual plant.

eg

Rose, grapes, jasmire etc

b

The 2 advantages of ~~sexual~~ vegetative propagation are:-

1

The fruit who don't have seeds their plants can be grown by vegetative propagation.

2

Few times due to some ~~corn~~ condition the seed may not germinate properly. But new plants grow from parent plant that is vegetative propagation.

16 a

Osmosis is a process in which ^{sugar solution} water moves from higher concentration area to lower concentration area.

b

Human body → Right Atrium → Right Ventricle → Pulmonary Artery → Lungs → Pulmonary Vein → Left Atrium → Left Ventricle → Aorta → To the body

c

A = ~~Sytem~~ Xylem

B = ~~Phytem~~ Phloem

A

Xylem:- Xylem carries water and mineral from ground to the leaves

B

Phloem:- Phloem carries food from leaves to all parts of plants