

1. Ramu wants to measure the blood pressure of Ravi. Name the instrument Ramu used?

Ans:

2. What is the phenotypic ratio in a monohybrid cross?

Ans:

3. Name the part of the pistil which gradually grows to form the fruit.

Ans:

4. Prepare slogan on organ donation.

Ans:

5. What is the full form of HIV?

Ans:

6. Write two examples for the animals which don't depend on chromosomes for sex determination.

Ans:

7. Write 2 slogans to create awareness about female foeticide among people?

Ans: 1)

2)

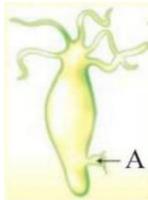
8. The autotrophic mode of nutrition

a) Carbon dioxide, water b) Sunlight, chlorophyll, CO₂, H₂O

c) sunlight only d) chlorophyll only

Ans:

9. Identify the part A in the given diagram?



Ans:

10. What is Heredity?

Ans:

11. Male has 44+XY chromosomes and Female has 44+XX chromosomes. Assess the chromosomes present in the ovule.

Ans:

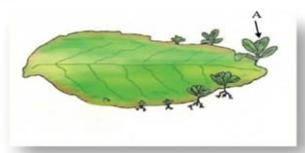
12. Which part of the brain helps us in riding a bicycle?

Ans:

13. Expand DNA.

Ans:

14. Identify the part 'A' labelled in the following diagram.



Ans:

15. Write an example for sexually transmitted diseases (STDs) caused by bacteria.

Ans:

16. The gap between two neurons is called?

a) Dendrite b) Synapse c) Axon d) Impulse

Ans:

17. Write 2 slogans on avoid Tobacco usage to create awareness among the people.

Ans: 1)

2)

18. "Rate of breathing in aquatic organisms is much faster than that of in terrestrial organisms". Support this statement.

Ans:

19. Name the hormone responsible for phototropism in plants.

Ans.

20. Write 2 slogans to create awareness on Ozone layer protecton.

1.

2.

21. Transfer of characters from parents to progeny is known as

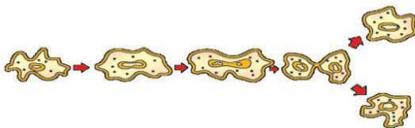
Ans:

22. Olfactory receptors detect

- . 1) Touch
- . 2) Taste
- . 3) smell
- . 4) light

Ans:

23. Identify the type of asexual reproduction in the given picture.



Ans:

24. Two species, A and B, live in the same environment. Species A shows a wide range of variations among its individuals. Species B has individuals with very similar traits.

Which species is more likely to survive if the environment changes suddenly?

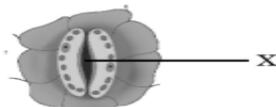
Ans:

25. Write 2 slogans to create awareness on to stop child marriages among the people.

Ans: 1)

2)

26. Identify the part 'X' labelled in the following diagram.



Ans:

27. Would you recommend vegetative propagation for growing fruit plants? Give reason.

Ans:

28. Identify the animal which show regeneration

- A) Yeast B) Hydra C) Amoeba D) Leishmania

Ans:

29. Name two animals in which sex is not genetically determined.

Ans:

30. Who proposed the laws of inheritance?

Ans: