

SCIENCE HOLIDAY HOMEWORK

CLASS-VI (2025-26)

SHARDA INTERNATIONAL SCHOOL



Q.1 In the following questions a statement of assertion(A) followed by statement of reason(R) is given. Choose the correct answer out of the following choice.

- 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.

1. Assertion: All vertebrates have a backbone.

Reason: The backbone is a characteristic feature that distinguishes vertebrates from invertebrates.

2. Assertion: Birds have hollow bones.

Reason: Hollow bones reduce body weight and help birds to fly.

3. Assertion: Plants are classified into herbs, shrubs, and trees.

- Reason: This classification is based on their height and type of stem.
4. Assertion: Fish use gills to breathe.
Reason: Gills help in extracting oxygen dissolved in water.
5. Assertion: Mammals give birth to young ones.
Reason: Mammals are warm-blooded animals with mammary glands.
6. Assertion: Reptiles lay eggs.
Reason: Reptiles are cold-blooded and do not take care of their young.
7. Assertion: Unicellular organisms can perform all life processes.
Reason: All life processes occur within a single cell in unicellular organisms.
8. Assertion: Frogs can live both in water and on land.
Reason: Frogs have lungs and moist skin to breathe on land and in water.
9. Assertion: Animals like snakes are vertebrates.
Reason: They have a backbone despite lacking legs.
10. Assertion: Classification helps in studying organisms.
Reason: It makes the study of organisms systematic and easier.
11. Assertion: We need standard units for measurement.
Reason: Standard units ensure uniformity and accuracy in measurements.
12. Assertion: Motion is the change in position of an object over time.
Reason: Objects at rest do not change their position.
13. Assertion: Measuring tape is used to measure curved lengths.
Reason: It can bend and follow the shape of the object.
14. Assertion: Accurate measurement is important in science.
Reason: Using improper units can lead to wrong results.
15. Assertion: A scale is not suitable for measuring large distances.
Reason: Scales have limited length and are best for short measurements
16. Assertion: Metals are used to make utensils.
Reason: Metals are good conductors of heat.
17. Assertion: Some materials dissolve in water. Reason: Solubility is a property of certain substances.
18. Assertion: Plastic is not suitable for cooking.
Reason: Plastic melts at high temperatures.
19. Assertion: Cotton is used to make clothes.
Reason: Cotton is soft and absorbs moisture well.
20. Assertion: Grouping materials is helpful.
Reason: It helps us to choose materials for specific purposes.

Q.2 Prepare a power point presentation on “Importance of Science in various fields”

Q.3 Prepare a scrapbook of Herbs, Shrubs and Trees with their respective leaves pasted mentioning their venation and root system.

Q.4 Prepare the chapters thoroughly which has been completed before vacation.

Q.5 Spend some quality time with your family, do exercise daily and paste some pictures of performing exercises or asanas on “Yoga Day”.