



A.ASSERTION/ REASON

Select the correct option

- a) Both assertion and reason are correct
- b) Both assertion and reason are incorrect.
- c) Assertion is correct but reason is incorrect.
- d) Assertion is incorrect but reason is correct.

1. ASSERTION – Honking unnecessarily on the road reduces noise pollution.

REASON – Lesser use of horns keeps the surrounding peaceful.

2. ASSERTION – Arteries carry deoxygenated blood From heart to the body parts.

REASON – Veins carry blood rich in oxygen to the the heart.

B. MUTIPLE CHOICE QUESTIONS.

3. Noise becomes pollution when it is -

- a) Loud and unpleasant
- b) soft and calm
- c) musical and sweet

4. Which blood cells helps to fight infections?

- a) Red blood cells
- b) White blood cells
- c) plasma

5. Which one of the following does not have a fixed volume?

- a) Solids
- b) Liquid
- c) Gas

6. The longest bone in the human body

- a) Humerus.
- b) Femur
- c) Tibia

C. DEFINE THE FOLLOWING.

7. Ventilation

8. Involuntary muscles

9. Matter

10. Decantation

11. Posture

D. RECTIFY THE UNDERLINED WORDS.

12. The unit of noise is measured in litres.

13. Blood is red because of plasma.

14. The brain has valves to prevent back flow of the blood.

15. Gases can be seen easily with our eyes.

16. The soft substances inside bones that makes Blood cells is called ligament.

E.COMPETENCY BASED QUESTIONS

17. Riya grandmother has high blood pressure .The

doctor advised her to eat less oily food and go for regular walks. Why did the doctor give this advice?

18. The ribcage is made up of curved bones. Which important organs are protected by the ribcage? Why is the protection of these organs necessary?

F. GIVE ONE WORD ANSWER.

19. Gas in air which is essential for living and burning. _____.
20. Excessive noise mainly affects which sense organ. _____.
21. The mineral required for strong bones. _____.

G. FILL IN THE BLANKS

22. The muscles of the heart are called _____.
23. Several organs work together makes an _____.
23. A cage of bones around the chest. _____.

H. CASE STUDY

During a football match, Aarav slipped and fell. He felt severe pain in his leg. He was taken to the hospital, the doctor did an X-ray and found that his bone got fractured. Aarav was also advised to drink milk and mineral rich food.

ANSWER THE QUESTIONS .

24. How many bones are there in an adult human ?
25. Which part of skeletal system protects the brain?
26. Which minerals are important for strong bones ?
27. Name three important bones in our leg.
28. State two functions of the skeletal system.

I. DRAW AND LABEL

29. Draw a diagram of the breeze in which the cooler air moves from sea to land during day.
30. Draw a diagram showing arrangement of the molecules in the three states of matter.