



SUMMATIVE ASSESSMENT – FIRST TERM

SCIENCE

Max. Marks: 60

Std - IV

Time: 2 Hrs

I. Choose the best option:

6 x 1 = 6

1. The _____ helps in getting rid of waste in the form of sweat.
a. lungs b. kidney c. skin
2. The lungs help in _____.
a. excretion b. digestion c. breathing
3. _____ is strong and shiny.
a. Metal b. Paper c. Rubber
4. _____ is transparent and smooth.
a. Glass b. Wood c. Rubber
5. A bicycle has a _____.
a. pulley b. inclined plane c. wheel and axle
6. A seesaw is a _____.
a. axle b. lever c. pulley

II. Fill in the blanks:

5 x 1 = 5

7. An example of a third-order lever is a _____.
8. The instrument used to measure the body temperature is _____.
9. A _____ object allows all light to pass through it.
10. The heart is made up of _____ muscles.
11. _____ is obtained from plant and animal waste material.

III. Match the following:

5 x 1 = 5

- | | | |
|-------------------------|---|---|
| 12. muscular force | - | that prevents movement of surfaces in contact |
| 13. elastic force | - | always pulls |
| 14. gravitational force | - | force of man and animals |
| 15. magnetic force | - | sponge regains position after being squeezed |
| 16. frictional force | - | attracting iron nails and pins |

IV. Complete the given table:

3 x 1 = 3

| Property of the material | Example | Used for? |
|--------------------------|---------|-----------|
| 17. hard | | |
| 18. flexible | | |
| 19. smooth | | |

V. Complete the following sentences: **2 x 1 = 2**

20. Most furniture is made of wood because _____.
21. We wear cotton clothes during summer because _____.

VI. Who am I? **5 x 1 = 5**

22. I am transparent and smooth, you can see through me. Who am I? _____.
23. I am responsible for the exchange of oxygen and carbon dioxide.
Who am I? _____.
24. I am obtained from plant and animal waste material. I do not cause much pollution.
Who am I? _____.
25. I make your work easy, but they call me a machine. Who am I? _____.
26. I am responsible for checking heartbeats. Who am I? _____.

VII. Differentiate the following: **2 x 2 ½ = 5**

27. A microscope and a telescope.
28. X-ray imaging and ultrasound.

VIII. Pick the odd one out: **2 x 1 = 2**

29. Heart, Kidney, Stomach, Ear
30. Nylon, Rayon, Polyester, Cotton

IX. Write True or False: **3 x 1 = 3**

31. The heart is an internal organ _____.
32. Rubber is a rigid material _____.
33. The clinical thermometer is used to check the heart beat _____.

X. Answer the following: **7 x 2 = 14**

34. Why do we need milk in our diet?
35. What is a wedge?
36. How does a pulley make our work easy?
37. Give two uses of friction?
38. What are fossil fuels?
39. How can we take care of our clothes?
40. Name any two internal organs.

XI. Answer in detail: (any one) **1 x 5 = 5**

41. Explain transparent, translucent and opaque materials with examples.
42. What are the three orders of levers? Give examples.

XII. 43. Draw and label the parts of the digestive system. **5**