

13.09.19
STD:V

Everwin Matric.Hr.Sec.School
Summative Assessment-1
Science

Marks-80
Time-2½hrs
9x1=9

I. Fill in the blanks:

1. Blood is pumped by _____.
a. Lungs b. Heart c. Kidneys d. Bones
2. The brain is kept in a bony case called _____.
a. Shell b. Ribcage c. Skull d. Knee
3. _____ helps in weight loss.
a. Rice b. Millets c. Grains d. Maize
4. Which of the following is a solid?
a. Kerosene b. Air c. Water d. Apple
5. Unit of energy is _____.
a. Kilogram b. Newton c. Kelvin d. Joule
6. Speaker converts electrical energy into _____ energy.
a. Heat b. Chemical c. Sound d. Light
7. Running water possesses _____ energy.
a. Kinetic b. Potential c. Chemical d. Heat
8. Blue appearance of the sky is due to _____ of light.
a. reflection b. Refraction
c. Interference d. Scattering
9. Chemical reactions are example for _____.
a. Reversible change b. irreversible change
c. both of them d. None of them

II. Fill in the blanks:

9x1=9

10. The functional unit of kidney is _____.
11. The human nervous system is divided into _____ parts.
12. _____ soil is suitable for growing of cotton _____.
13. Synthetic fibre is also called _____ fibre.
14. _____ can be produced with help of light energy.
15. News paper is a _____ waste.
16. Most of the physical changes are _____ change.
17. Study of light is known as _____.
18. Tamil Nadu stands first in generating electricity from _____.

III. Match the following:

9x1=9

- | | | |
|----------------------|---|---------------------|
| 19. Jute | - | Electrical energy |
| 20. Torch light | - | Brain |
| 21. e - waste | - | Ginning |
| 22. Lint | - | stem |
| 23. Kinetic energy | - | CFL Bulb |
| 24. Nervous system | - | Kidney |
| 25. India 2020 | - | Moving car |
| 26. Wind mill | - | Dr. APJ Abdul Kalam |
| 27. Excretory System | - | Light energy |

IV. Say True or False:

9x1=18

28. The functional unit of kidney is nephron.
29. The circulatory system is made up of the heart, blood and blood vessels.
30. Beans and peas are pulses.
31. Coir is the outer covering of coconut.
32. Sweet corn is not a product of maize
33. Heat energy cannot be produced by friction.
34. The unit of energy is Kelvin.
35. All chemical changes are reversible change.
36. In our country, Chennai contributes lowest amount of waste everyday.

V. Answer any seven in short:

7x2=14

37. What is reversible change?
38. What are the different types of wastes?
39. Explain why is heat produced when washing powder is mixed with water.
40. Pick the odd one out and give reason.
Fan, Bulb, Running water, Washing machine.
41. Name the list of whole grains.
42. Why do a rubber tyre floats on water? Give reason.
43. What is known as ginning?
44. What are the functions of blood?
45. Arrange the excretory system in correct sequence.

(Urinary bladder, Ureter, Kidney, Urethra)

VI. Answer any two in detail:

3x4=12

46. Explain the three major parts of human brain.
47. Explain the types of mechanical energy.
48. Explain the need for waste disposal.
49. Draw a flow chart to indicate the process of making fabrics from cotton ball. List two uses of cotton.
50. Explain the law of conservation of energy.

VII. Diagram: (any 2)

2x4=8

51. Transformation of energy.
52. Kidney
53. States of matter.

VIII. Hots:

5x2=10

54. Circle the odd one:
 - a. Vegetables, Flowers, Fruits, Chemicals.
 - b. Mouth, Food pipe, Stomach, Kidney.
55. Complete the line
 - a. Dr. A P J _____ Kalam
 - b. Sir C V _____
56. Say Reversible or Irreversible change.
 - a. Milk to curd
 - b. Ice cube to water.
57. Find the missing letters.
 - a. R ___ S P I ___ A T I ___ N
 - b. B ___ O O ___ V ___ S S E ___ S.
58. Why is it important to wear helmet while riding a bike?