

SUMMATIVE ASSESSMENT – SECOND TERM**SCIENCE****Max. Marks: 60****Std - VI****Time: 2 Hrs****I. Choose the correct answer:****12 x 1 = 12**

1. The decreasing order of thermal expansion in matter is _____.
a) solid, liquid and gas b) gas, liquid and solid
c) gas, solid and liquid d) equal in all
2. Unit for measuring heat energy is _____.
a) calorie b) kilogram c) square meter d) joule
3. Gas present inside an electric bulb is _____.
a) oxygen b) hydrogen c) nitrogen d) air
4. Rubber is _____.
a) an insulator b) a magnet
c) a conductor d) an electricity producing material
5. Ripening of a fruit is a _____ change.
a) desirable, slow b) undesirable, slow c) desirable, fast d) undesirable, fast
6. Melting of a chocolate is a _____ change.
a) reversible b) irreversible c) periodic d) non-periodic
7. _____ is the only known planet where life exists.
a) Earth b) Venus c) Mars d) Mercury
8. _____ is the life – giving gas.
a) Nitrogen b) Oxygen c) Hydrogen d) Xenon
9. The ‘control centre’ of the eukaryotic cell is _____.
a) cell wall b) nucleus c) vacuoles d) chloroplast
10. The unit of measurement used for expressing dimension of cell is _____.
a) centimeter b) millimeter c) micrometer d) meter
11. Break down of food into smaller molecules in our body is known as _____.
a) muscle contraction b) respiration
c) digestion d) excretion
12. The _____ is the largest sense organ in our body.
a) tongue b) skin c) eye d) ear

II. Answer the following: (Any 14)

14 x 2 = 28

13. Why are small gaps left in railway tracks?
14. Define temperature.
15. Match the following.

a) thermal equilibrium	–	cracking of walls in summer
b) heat transfer	–	kelvin
c) temperature	–	hot to Cold
d) expansion	–	no heat transfer
16. What is an electric circuit?
17. Identify the odd one in each group; assign suitable reasons.
 - a) Door bell, crane, elevator, electric iron
 - b) Room heater, electric fuse, geyser, electro plating
18. Who am I?
 - a) I emit light when heated and I am used in an electric bulb.
 - b) I am an alloy of chromium and nickel used as heating element.
19. A paper is folded into a boat. Is this a reversible change? Why?
20. What are the two possible ways in which heat can be exchanged during the change?
21. Why is the atmosphere called the blanket of the earth?
22. Complete the following:
 - a) _____ is the predominant gas in the atmosphere.
 - b) Air does not escape from the earth because of _____.
23. Which is the outermost layer of an animal cell?
24. What is the difference between vacuole in plant and animal cells?
25. Say whether the following statements are true (or) false.
 - a) Cell wall is semi-permeable.
 - b) Ribosomes help in lipid synthesis.
26. Fill in the blanks:
 - a) A group of organs together forms _____ system.
 - b) The process by which the body removes metabolic waste is _____.
27. Write the functions of epiglottis?
28. What is digestion? Name the parts of the digestive system.
29. What are colourless plastids called?
30. Who am I?
 - a) I am the power house of the cell. _____.
 - b) I am present in plant cells and give colour to the leaves and fruits _____.

III. Answer in detail: (Any 4)

4 x 5 = 20

31. Write four uses of solar energy
32. Suggest ways, to conserve electricity at home.
33. Differentiate between physical and chemical changes.
34. How can it be demonstrated through an experiment that oxygen is the gas released during photosynthesis?
35. Draw and label the parts of mitochondria.
36. What are hormones? Which glands secrete them? Name any 4 such glands.