

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

1. Mass of a person is measured in \_\_\_\_\_.  
a. kg                                      b. g                                      c. mg                                      d. tonnes
2. Standard SI unit for length is \_\_\_\_\_.  
a. cubit                                      b. foot length                                      c. km                                      d. m
3. A bullet is fired from a gun. The bullet exhibits \_\_\_\_\_ motion.  
a. periodic                                      b. circular                                      c. rectilinear                                      d. curvilinear
4. Mixture of rice husk and pebbles can be separated by \_\_\_\_\_.  
a. magnetic separation                                      b. sieving                                      c. winnowing                                      d. filtration
5. Matter must have \_\_\_\_\_.  
a. mass and shape                                      b. mass and volume                                      c. mass and size                                      d. shape and volume
6. The particles in a gas have \_\_\_\_\_ between themselves.  
a. large space and strong attraction                                      b. less space and weak attraction  
c. large space and weak attraction                                      d. less space and strong attraction
7. Stems of \_\_\_\_\_ have air spaces.  
a. xerophytes                                      b. hydrophytes                                      c. mesophytes                                      d. none of the above
8. The \_\_\_\_\_ prepare food for the plant.  
a. leaves                                      b. roots                                      c. stems                                      d. flowers
9. A bird's \_\_\_\_\_ acts as a brake and also helps it to change direction while flying.  
a. feathers                                      b. wings                                      c. tail                                      d. head
10. In amoeba, a contractile vacuole helps in \_\_\_\_\_.  
a. digestion                                      b. locomotion                                      c. excretion                                      d. respiration
11. Cholera and typhoid are caused by \_\_\_\_\_.  
a. bacteria                                      b. virus                                      c. fungi                                      d. protozoa
12. Undigested cellulose is called \_\_\_\_\_.  
a. roughage                                      b. fat                                      c. carbohydrate                                      d. protein

**II. Answer the following questions: (Any 14)****14 x 2 = 28**

13. What is measurement?
14. Convert the following.  
a) 2 kg into grams                                      b) 3 hours into minutes
15. Pick the odd one in the group and give reason for your choice:  
a) km, m, cubit, cm  
b) sundial, sand clock, beam balance, digital clock

16. Identify the type of motion in the following:
  - a) movement of a butterfly.
  - b) vibrations of a string.
17. Draw a transverse wave pattern, mark the following parts:
  - a) crest
  - b) wave length
18. What is the difference between oscillatory and vibratory motions?
19. Define motion.
20. Why are gases compressible?
21. Name 5 petroleum products.
22. State true or false and correct the false statements:
  - a) Gases occupy all the volume of their container.
  - b) Solids are not compressible.
23. Ice melts on heating. Why?
24. Suggest suitable methods to separate the following?
  - a) rice and suji
  - b) chalk powder and iron powder
25. Plants growing in dry land and deserts have long roots. Why?
26. Match the following:
 

a) Calyx	-	climber
b) Opuntia	-	hydrophytes
c) Pepper	-	thorns
d) Lotus	-	sepals
27. Why does a camel have thick lips?
28. State true or false and correct the false statements:
  - a) The first living organism was a multicellular organism.
  - b) Human activities are one of the main causes of loss of biodiversity.
29. Define biodiversity.
30. Name three foods that contain carbohydrates.
31. What are deficiency diseases?
32. Fill in the blanks with suitable answer:
  - a) \_\_\_\_\_ and \_\_\_\_\_ are a source of protein from animals.
  - b) A change in the body of an organism to survive in its habitat is called \_\_\_\_\_.

**III. Answer in detail: (Any 4)**

**4 x 5 = 20**

33. A body can show more than one type of motion. Explain with suitable example.
34. Compare solids, liquids and gases based on the arrangement of the particles and the forces between them.
35. Define length, mass and time with their units.
36. How are the legs, knees and hooves of a camel adapted to life in the hot desert?
37. Define nutrients. What is the difference between micro nutrients and macro nutrients?
38. Draw and label the parts of a flower.