

Annual Assessment - March 2017  
Science  
Class-6

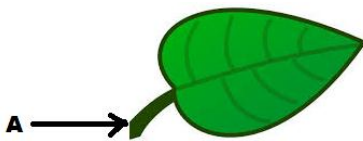
Maximum Marks: 80

Time: 150 Minutes

**Instructions:**

- All questions are compulsory.
- Marks are given in front of each question.

1. Nectar collected by bees is used for \_\_\_\_\_ . 1  
(a) juice (b) honey  
(c) safety (d) wax
2. Ram observed that his friend Shyam had bleeding gums and delayed healing of wounds. Which vitamin deficiency symptoms are observed in Shyam body? 1  
(a) Vitamin A (b) Vitamin B<sub>1</sub>  
(c) Vitamin C (d) Vitamin D
3. Those substances or materials across which things can be seen, is known as: 1  
(a) lustrous (b) opaque  
(c) transparent (d) translucent
4. Which of the following statement is correct for **Hand Picking Method**: 1  
(a) The process that is used to separate grains from stalk.  
(b) The method of separating components of a mixture.  
(c) The method for separation slightly larger sized impurities likes the pieces of dirt, stone and husk from wheat, rice or pulses.  
(d) The process in which water along with dust is removed.
5. In the given diagram of leaf, Part A is known as: 1



- (a) Lamina (b) Petiole  
(c) Node (d) Midrib
6. The joint where our neck joins the head is known as \_\_\_\_\_. 1  
(a) Hinge joint (b) Fixed joint  
(c) Pivotal joint (d) Ball and Socket Joint
7. What is the S.I. unit of length? 1  
(a) Kilometer (b) Meter  
(c) Centimeter (d) Millimeter

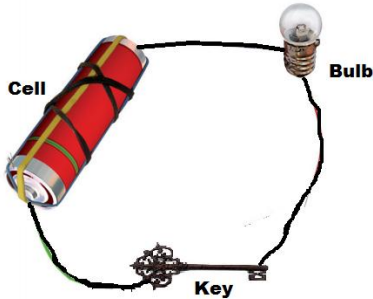
8. The pendulum of a wall clock is moving on both sides from a fixed point. This motion is an example of: 1
- (a) Circular Motion (b) Periodic Motion  
(c) Non Periodic Motion (d) Rotatory Motion
9. Identify, which of the following is non identical? 1
- (a) Jupiter (b) Sun  
(c) Venus (d) Mars
10. Suppose you want to dry your school uniform quickly on a rainy day, which of the following procedure will you adopt? 1
- (a) Hanging uniform in open space on a rope.  
(b) Hanging uniform near heater or stove.  
(c) Hanging uniform on a rope in a room.  
(d) Hanging uniform on a rope in corridor.
11. Iron fork is a \_\_\_\_\_ type of material. 1
- (a) Non- magnetic (b) Electro - magnetic  
(c) Magnetic (d) Natural Magnetic
12. How many terminals of a cell are there? 1
- (a) Two (b) Four  
(c) One (d) Three
13. The instruments used by electrician e.g. screw- driver and pliers are covered with \_\_\_\_\_ material to avoid electrician from electric shock. 1
- (a) Aluminium (b) Silver  
(c) Alloy (d) Plastic or Rubber
14. Which of the following gases made 99% part of atmosphere? 1
- (a) CO<sub>2</sub> & O<sub>2</sub> (b) O<sub>2</sub> & N<sub>2</sub>  
(c) N<sub>2</sub> & CO<sub>2</sub> (d) N<sub>2</sub> & Water Vapors
15. Which of the following is a luminous object? 1
- (a) Plastic (b) Paper  
(c) Sun (d) Table
16. Name four plants and explain which part of these plants is used as food? 2
17. Define balanced diet. 2
18. Name the disease which occurs due to the deficiency of calcium and iron and also write their symptoms. 2
19. What is winnowing and where is it used? 2
20. A bag of cement lying in the open gets wet due to rain during the night. Next day sun shines brightly. What do you think the change which have occurred in the cement, could be reversed? 2

21. Some changes are listed in the following table. For each change, write in the blank column, whether the change can be reversed or not. 2
- |                                |  |
|--------------------------------|--|
| a. The sawing a piece of wood. |  |
| b. The melting of ice candy.   |  |
| c. The cooking of food.        |  |
| d. Souring of milk.            |  |
22. Mohan has a long box. He moves the box differently in sun light for shadow. Tell when the shadow of box will be shortest? 2
23. During summer guest arrives at Reshma’s house. For serving water she took out a cold water bottle from fridge and placed it on the table. After some time some water droplets appear on the surface of water bottle, why? 2
24. It was observed that a pencil sharpener gets attracted by both the poles of magnet, although its most of the body is made up of plastic. Name the magnetic material that might have been used to make some part of it. 2
25. Is garbage disposal, only of government responsibility? Discuss. 2
26. Match the items given in Column A with Column B 3

Column A	Column B
Milk, Curd, Paneer, Ghee	are carnivorous animals
Spinach, Cauliflower, Carrot, Lady finger	are herbivorous
Lions and tigers	are vegetables
Deer and elephant	are animal products

27. Explain the process of making yarn from fiber. 3
28. Given below are the names of some objects and materials. 3
- Water, Basketball, Oranges, Sugar, Globe, Apple and Earthen pitcher**
- Group them as:
- a. Round shaped and other shaped
  - b. Eatables and non eatables
29. State following statements are true or false. 3
- a. A mixture of milk and water can be separated by filtration.
  - b. A mixture of powdered salt and sugar can be separated by the process of winnowing.
  - c. Separation of tea leaf from tea can be done with filtration.
30. Explain streamlined body with the example of boat and fish and also explain how this type of body helps them to swim in water? 3

31. While measuring the length of a knitting needle, the reading of the scale at one end is 3.0 cm. and the other end is 33.1 cm. what is the length of needle? 3
32. Explain transparent, opaque and translucent. Give two examples of each. 3
33. As given in the diagram, when we used the following material instead of key, does the bulb light up? Explain with reason. 3
- a. rubber      b. glass bangle      c. plastic scale      d. safety pin



34. How will you prove that air support burning? 3
35. How will we recycle plastic garbage? 3
36. List the common characteristics of the living things. 5
37. Draw and label parts of the following: 5
- a. A leaf      b. A tap root      c. A flower
38. Explain the following:
- a. A bar magnet has no marking to indicate its poles. How would you find out near which end is its north pole located? 2
- b. You are given an iron strip. How will you convert it in to a magnet? 3