

1. Name five plants and their parts that we eat.
2. Define a) Ingredients b) Edible c) Nectar
3. Name the major nutrients in our food.
4. Name two foods each rich in:  
(a) Fats (b) Starch (c) Dietary fibre
5. What is a balanced diet ?
6. Explain the process of making yarn from fibre.
7. Name two items that are made from coconut fibre.
8. Name five objects which can be made from wood.
9. Find the odd one out from the following:  
a) Chair, Bed, Table, Baby, Cupboard  
b) Rose, Jasmine, Boat, Marigold, Lotus  
c) Aluminium, Iron, Copper, Silver, Sand  
d) Sugar, Salt, Sand, Copper sulphate
10. Why do we need to separate different components of a mixture? Give two examples.
- 11.. What is winnowing? Where is it used?
12. What is sieving? Where is it used?
- 13.. How will you separate sand and water from their mixture?
14. Define the followings  
a) Condensation b) Decantation c) Evaporation d) Filtration e) Sedimentation
15. Give examples to explain the difference between changes that can or cannot be reversed.
16. You accidentally dropped your favourite toy and broke it. This is a change you did not want. Can this change be reversed?

- 17 . What is the function of a stem in a plant?
18. Draw a flower and label its parts ?
19. Name the part of the plant which produces its food. Name this process.
20. Answer the following:  
(a) What is a ball and socket joint?  
(b) Which of the skull bones are movable?  
(c) Why can our elbow not move backwards
21. All objective questions from chapter 1 to 8.

**Sample Paper – 2017**  
**Subject – Science**  
**Class – VI SA1**

**Maximum Marks: 80**

**Time: 3 hours**

**General instructions:**

- This question paper has 26 questions and 4 printed pages.
- All the questions are compulsory.
- Write the correct serial number of the question before attempting it.
- Draw well-labelled diagram wherever necessary.

**1. Choose the correct answer:**

**1x6=6**

- a. Salt is obtained from seawater by the process of \_\_\_\_\_.
- b. Which of these is a pure substance?**  
i. air ii. milk iii. distilled water iv. oil
- c. Which of these do all living organisms have?**  
i. muscles ii. bones iii. skin iv. cells
- d. A combination of bones and cartilages forms the \_\_\_\_\_ of the body.**
- e. The edible part of sugarcane is a .....**  
i. flower ii. leaf iii. root iv. stem
- f. The quickest source of energy is .....**  
i. sugar ii. fat iii. protein iv. stem

**2. Rewrite the correct word by changing the underlined words:**

**1x4=4**

- a. Refined oil is a transparent substance.
- b. Wheat grain can be separated from chaff by sedimentation.
- c. Freezing of water is a irreversible change
- d. Iron filings can be separated from sand by evaporation.

**3. Fill in the blanks with appropriate word:**

**1x4=4**

- a. There are about 117 different types of .....
- b. Substances that are formed as a result of a chemical reaction are called .....
- c. Deficiency of vitamin c causes .....
- d. Goiter is caused by deficiency of .....

**4. . Name two foods each rich in:**

**2 X 6= 12**

- (a) Fats
- (b) Starch
- (c) Dietary fiber

D).what is a balanced diet ?

E). Explain the process of making yarn from fibre.

F). Name two items that are made from coconut fibre.

**5. Jenny was holding a cardboard and a glass sheet in her hand. Differentiate between the two objects she was holding on the basis of transparency.**

**6. Write the important functions of the following parts of a plant:**

**2**

- a. Leaves
- b. Roots

**7. How will you separate iron filings from sand?**

**2**

**8. Rahul brought a new dress which neither absorbs sweat nor wrinkles but has luster. Name the type of fabric he bought. Compare it with the other type of fibre.**

**2**

**9. If a seed is put upside down in the soil, in which direction will the roots and stem grow?**

**2**

**10. Write one ingredient obtained from a plant and one from the animal of the following dishes:**

**2**

- a) Kheer
- b) Egg chow Mein

**12. Rahul's grandmother's gold earring rolled under the bed. Rahul searched for it and found a shiny object under the bed and took it out.**

**2**

- a. What is meant by a lustrous material?
- b. Give any two values shown by Rahul.

**13. What are the characteristic features of an herb?**

**2**

**14. Define Pistil. Draw its well- labeled diagram.**

**2**

**15. Why are windows made from glass?**

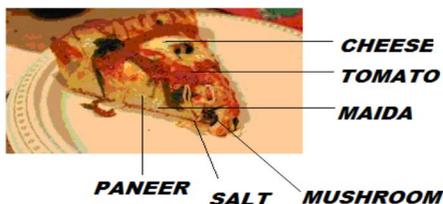
**2**

**16. What kind of change is burning of tyre? Why?**

**2**

17. What is meant by respiration? Name the end products of respiration. 3

18. Look at the delicious pizza. Write the sources of the ingredients mentioned in the given picture.



19. Soni is playing while her mother is cooking in the kitchen. She notices the rice is burning while her mother is busy with some other work. She quickly switches off the gas burner.

- a. What kind of change is burning of rice?
- b. What values are shown by Soni?

20. a. How are the teeth of carnivores different from those of herbivores? 3  
b. How do parasites without teeth consume their food?

21. 'Roughage does not provide nutrients yet it is an important component of food.' Explain. 3

22. How are reversible changes different from irreversible changes? Support your answer with two examples of each. 3

23. Why a growing child does needs more proteins in his/her diet than an adult? 3

24. a. Define filtrate and residue. 5  
b. What type of impurities are separated by filtration?  
c. Draw a well – labelled diagram of filtration.

25. The gums under the teeth of Reema appear to be swollen. 5  
a. Name the deficiency disease she is suffering from.  
b. What is the cause of this deficiency disease?  
c. How can it be prevented?  
d. Name the two foods rich in the nutrient required to prevent this disease.

26. Observe the given picture carefully and answer the following questions: 5





- a. Identify the given pictures by stating the scientific terms to them.
- b. State one similarity on the basis of the features of the stem of the given two pictures.
- b. State one difference between the characteristics of the plants with a suitable example