

SCIENCE

CLASS-6<sup>th</sup>

TIME-3 hrs.

Written-70 Marks

Question paper pattern

1. The question paper consists of 21 questions. All the questions are compulsory. Distribution of marks is given below.
2. Question no.1 is of total 14 marks. It consists of 14 questions and each question consists of 1 mark each.
3. Question nos. 2 to 11 will be of 2 marks each.
4. Question nos.12 to 18 will be of 3 marks each.
5. Question nos. 19 to 21 will be of 5 marks each. There will be internal choice and internal choice questions will be from same chapter.

Blueprint

Chapter No	1 Mark	2 Marks	3 Marks	5 Marks
1	1	1	-	-
2	-	2	-	-
3	-	1	1	-
4	1	-	1	-
5	-	1	-	1
6	1	-	1	-
7	1	-	1	-
8	1	1	-	1
9	1	-	1	-
10	1	1	-	-
11	1	1	-	-
12	1	-	-	1
13	1	-	1	-
14	-	-	1	-
15	2	1	-	-
16	2	1	-	-

Paper: Science

Class-6<sup>th</sup>

Maximum marks-70

Time – 3 hrs.

All the questions are compulsory.

**PART-A (14 Marks)**

Q1: Choose the correct answer.

(i) The animals which eat other animals are known as:

- (a) Herbivores (b) Carnivores (c) Parasite (d) Omnivores

(ii) How many types of substances do you have?

- (a) 1 (b) 2 (c) 3 (d) 4

(iii) Melting of candle is a \_\_\_\_\_ change.

- (a) Physical (b) Chemical (c) Physical and chemical (d) none of these

(iv) The plants which take support on surrounding structures and climb up are called:

- (a) Herbs (b) Climbers (c) Shrubs (d) Trees

(v) Motion of a moving wheel of a bicycle is described as:

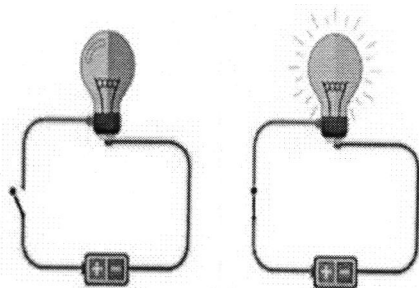


- (a) Circular (b) Cylindrical (c) Rectilinear (d) Rectangular

(vi) What kind of shadow is formed by transparent objects?

- (a) Dark black (b) Circular (c) bigger in size (d) None of these

(vii) A device that is used to either break or complete the electric circuit is called \_\_\_\_\_.



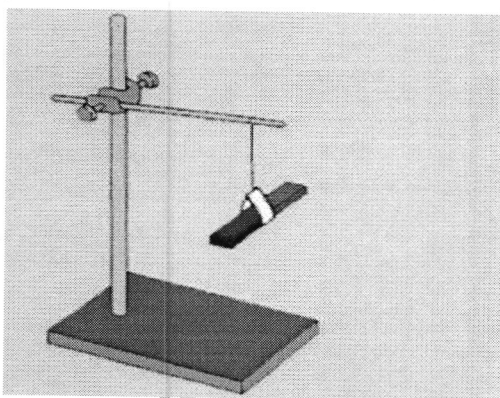
(a) Cell

(b) Wire

(c) Bulb

(d) Switch

(viii) When a magnet is suspended freely in air with the help of string, it aligns itself in which direction?



(a) North-South

(b) East- West

(c) North-East

(d) South-West

(ix) Which one of the following gas has major composition in air?

(a) Oxygen

(b) Carbon-dioxide

(c) Nitrogen

(d) Hydrogen

(x) The presence of which gas is essential for combustion?

(a) Nitrogen

(b) Oxygen

(c) Carbon-dioxide

(d) Helium

(xi) Which organism is used for vermicomposting?

(a) Snake

(b) Rats

(c) Ant

(d) Earthworm

(xii) What is plastic for us?

(a) Boon

(b) Curse

(c) Both

(d) None of these

(xiii) Bones of birds are \_\_\_\_\_.

(a) Heavy

(b) Light

(c) Birds do not have any bone

(d) None of these

(xiv) Name a non-living thing which has two qualities of living things?

(a) Bus

(b) Chair

(c) Table

(d) Book

### PART-B

Total marks-20 and each question consists of 2marks.

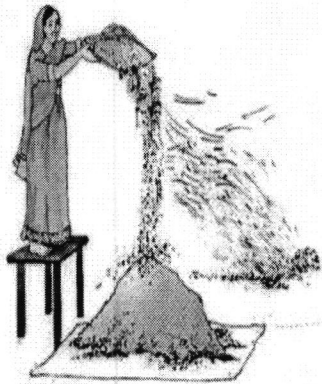
Q2. From where do we get cereals, pulses, vegetables and fruits and what type of animals eat these types of food?

Q3. How do we test the presence of starch?

Q4. From which food items do we get Vitamin C?

Q5. From which parts of a plant do we get cotton and jute?

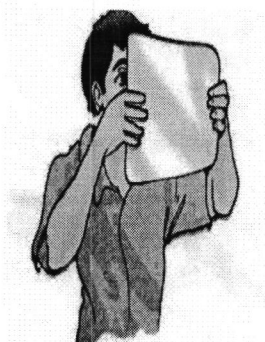
Q6. How do things separate by the process of Winnowing.



Q7. Why can our elbow not move backwards?

Q8. Why can a pace or a footstep not be used as a standard unit of length?

Q9. Why can you not see clearly through translucent objects?



Q10. How do aquatic animals get oxygen?

Q11. What can we do to deal with garbage?

### PART-C

**Total marks: 21. Each question consists of 3 marks.**

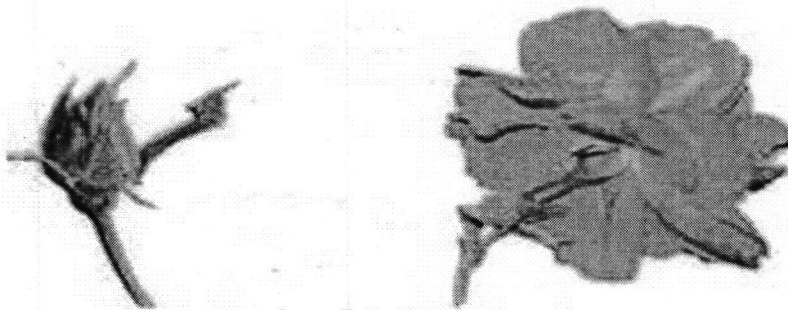
**Q12. Explain the process of making yarn from fibre?**

**Q13. Name some edible (eatable) and inedible items.**

**Q14. Why can you not reverse the changes happened in a burning candle?**



**Q15. Write different parts of a flower.**



**Q16. Write the salient features of living things.**

**Q17. How can we make our own magnet?**

**Q18. How are clouds formed?**

#### **PART-D**

**Maximum marks-15 This part contains three questions of 5 marks each and there is internal choice in these questions.**

**Q19. How a saturated solution is prepared?**

**OR**

**Is it possible to separate sugar mixed with wheat flour? If yes, how will you do it?**

**Q20. How do earthworm, snail, cockroach, birds and fish move?**

**OR**

What is a hinge joint? Explain with the help of an example.

Q21. Why should an electrician wear rubber gloves while repairing an electric switch at your home? Due to which quality of rubber he is able to work easily?

OR

Explain why the bulb would not glow in the arrangement shown in the figure below.

