



8th International Olympiad of Science 2016



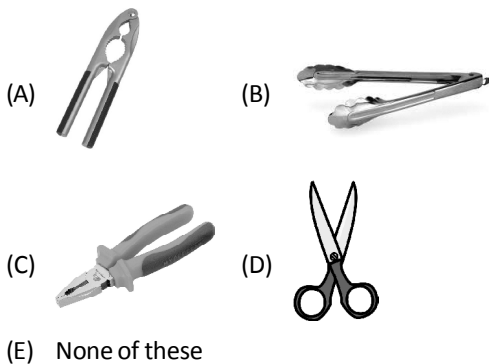
Presented by:
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CLASS 5th SYLLABUS & SAMPLE QUESTIONS

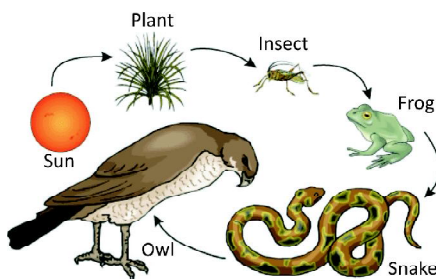
Function of parts of human body, Nutrition, The Animal Kingdom, Light and sound, The plant kingdom, Matter, Work, Force and Energy, Rocks and Soil, Our Environment, Our Universe, General and Applied Science, Reasoning Based Questions.

The Actual Question Paper Contains 50 Questions. The Duration of the Test Paper is 60 Minutes.

1. Which of these is a third class lever?



2. Look at the following picture of food chain:



Which one of the following is called the producer?

- (A) Snake (B) Sun
 (C) Plant (D) All of these
 (E) None of these

3. Which one of the following systems is responsible for transporting nutrients in whole part of our body?

- (A) Nervous system
 (B) Circulatory system
 (C) Muscular system
 (D) All of these
 (E) None of these

4. Which of the following things help in minimising water pollution?

- (A) Do not allow animals and humans to take bath in river and other water bodies
 (B) Discharging industrial waste into water bodies
 (C) Discharging untreated sewage into water bodies
 (D) Washing clothes in the water bodies
 (E) All of these

5. Match the following :

- | | |
|----------------|----------------|
| 1. Weight | (a) Litre |
| 2. Volume | (b) Metre |
| 3. Distance | (c) Fahrenheit |
| 4. Temperature | (d) Kilogram |
- (A) 1 - a, 2 - d, 3 - b, 4 - c
 (B) 1 - d, 2 - a, 3 - b, 4 - c
 (C) 1 - d, 2 - c, 3 - b, 4 - a
 (D) 1 - d, 2 - c, 3 - a, 4 - b
 (E) None of these

6. **One of Ariel's friends is very dangerous. It has poison called tetrodotoxin in its internal organ which is more poisonous than cyanide. Ariel's friend is a**
- (A) Globe fish
(B) Pygmy goby fish
(C) Marlin fish
(D) Puffer fish
(E) None of these
7. **A farmer throws cow dung in the field to increase its fertility. After few days he finds that the cow dung has completely vanished from the field. How does it happen?**
- (A) Cow dung mixes with the soil due to the action of chemical fertilizers
(B) Cow dung mixes with the soil due to the action of water
(C) Cow dung mixes with the soil due to the action of decomposers
(D) Cow dung mixes with the soil due to the temperature
(E) None of these
8. **A force can change**
- (A) shape of an object
(B) direction of a moving object
(C) speed of a moving object
(D) all of these
(E) none of these
9. **The place where animals lives naturally is called its_____.**
- (A) Habitat (B) Adaptation
(C) Climate (D) All of these
(E) None of these
10. **Four students of a class, Mehak, Monu, Michael and Maria have one cylinder each for performing an experiment. Mehak's cylinder contains Helium gas. Michael's cylinder is full of water. Monu's cylinder contains equal amounts of sand, sugar and rice mixed properly. Maria's cylinder is filled with sea water. Whose cylinder contain only element?**
- (A) Maria (B) Michael
(C) Monu (D) Mehak
(E) None of these

**ANSWERS**

1. (B) 2. (C) 3. (B) 4. (A) 5. (B) 6. (D) 7. (C) 8. (D) 9. (A) 10. (D)