



# 8<sup>th</sup> International Olympiad of Science 2016



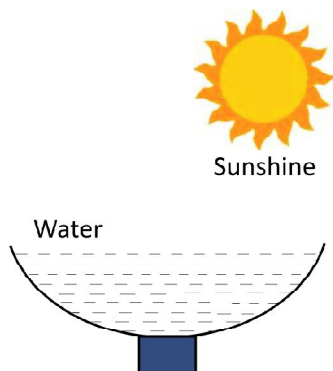
Presented by:  
**SILVERZONE FOUNDATION**  
 Organized by  
**SOCIETY OF SCIENCE EDUCATION**  
 New Delhi, India  
 FOR SUPREMACY IN SCIENCE  
[www.silverzone.org](http://www.silverzone.org)

## CLASS 3<sup>rd</sup> SYLLABUS & SAMPLE QUESTIONS

Land and aquatic animals, The Plant Kingdom, The Animal Kingdom, Human Body, Our Environment, Natural Resources, The Universe, Our Safety and First Aid, Motion Transport and Travel, General and Applied Science, Reasoning Based Questions.

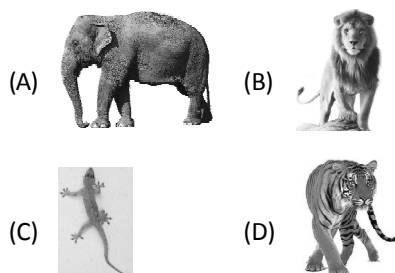
*The Actual Question Paper Contains 50 Questions. The Duration of the Test Paper is 60 Minutes.*

1. What will happen in the given condition shown in the figure below?



- (A) Freezing of water  
 (B) Condensation of water  
 (C) Evaporation of water  
 (D) Both (A) and (B)  
 (E) None of these
2. Which of the following pollutes the environment?
- (A) Burning fossil fuel  
 (B) Throwing garbage here and there  
 (C) Throwing used plastic bags on the street  
 (D) All of these  
 (E) None of these

3. Which one of the following animals goes for winter sleep or hibernation during extreme cold?



- (E) None of these

4. In mountain regions, terrace farming is done to control which one of the following natural phenomena?



- (A) Deposition  
 (B) Soil erosion  
 (C) Photosynthesis  
 (D) All of these  
 (E) None of these

5. A student takes a balloon and fills it with air. What will he notice?

- (A) He will notice that the mass of the balloon remains same.
- (B) He will notice that the mass of the balloon is increased.
- (C) He will notice that the mass of the balloon is decreased.
- (D) He will notice that the mass of the balloon is decreased by  $\frac{1}{2}$  of the initial mass of the balloon.
- (E) None of these

6. The following are the properties of a liquid.

- 1. It is tasteless.
- 2. It exists in all three forms on earth.
- 3. It boils at  $100^{\circ}\text{C}$ .
- 4. It freezes at  $0^{\circ}\text{C}$ .
- 5. It is colourless, odourless.

Which one of the following liquids has the given properties?

- (A) Acid
- (B) Lemon juice
- (C) Water
- (D) All of these
- (E) None of these

7. Producers are called autotrophs and consumers are called heterotrophs. Categorized the following as autotrophs and heterotrophs:

*Mango tree, Lion, Cactus, Pine, Man*

- (A) Autotrophs : Mango tree, Cactus, Man, Heterotrophs : Lion, Pine
- (B) Autotrophs : Mango tree, Cactus, Pine, Heterotrophs : Lion, Man
- (C) Autotrophs : Lion, Cactus, Man, Heterotrophs : Mango tree, Pine

(D) Autotrophs : Mango tree, Pine, Man, Heterotrophs : Lion, Cactus

(E) None of these

8. Which one of the following birds uses its beak to make hole in the tree trunk?



(E) None of these

9. Plants not only give us oxygen but also absorb poisonous\_\_\_\_\_.

- (A) Water
- (B) Carbon dioxide
- (C) Oil
- (D) All of these
- (E) None of these

10. Consider the following statements:

**Micky:** Some plants grow in warmer climate of the plains and shed most of their leaves in autumn.

**Donald:** Tea and coffee are evergreen plants.

**Goofy:** Babul and kikar grow near sea coast and have breathing roots.

Who is correct?

- (A) Only Micky
- (B) Both Micky and Donald
- (C) Micky, Donald and Goofy
- (D) Both Donald and Goofy
- (E) None of them

ANSWERS

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