



# International Olympiad of Science



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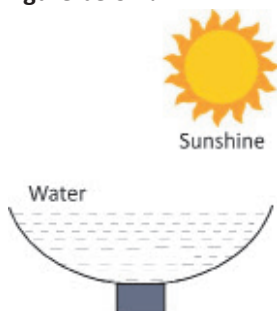
New Delhi, India

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

*The Actual Question Paper Contains 30 Questions. The Duration of the Test Paper is 40 Minutes.*

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

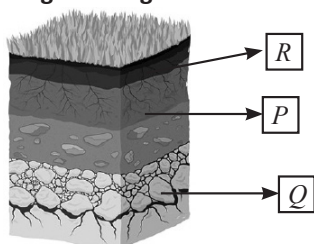


- (A) Freezing of water  
(B) Condensation of water  
(C) Evaporation of water  
(D) Both (A) and (B)

2. Which of the following activities can conserve environment?

- (A) Deforestation  
(B) Throwing garbage in rivers  
(C) Afforestation  
(D) Pollution from factories

3. Which one of the following statements is correct for the given diagram?



- I. Q represents bed rock and lies below top soil.  
II. R represents top soil and is rich in minerals and humus.  
III. P represents sub soil and contains maximum amount of humus in it.  
IV. Q represents bed rock and is hard, non-porous in the inner side.
- (A) I and II (B) II and III  
(C) II and IV (D) III and IV

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

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.

6. The following are the properties of a liquid.

- It is tasteless.
- It exists in all three forms on earth.
- It boils at  $100^{\circ}\text{C}$ .
- It freezes at  $0^{\circ}\text{C}$ .
- 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

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

8. The bird shown below has which type of beak?



- (A) Chisel-shaped (B) Horny  
 (C) Soft (D) Broad and flat

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

- (A) Water  
 (B) Carbon dioxide  
 (C) Oil  
 (D) All 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

### ANSWERS

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