



6th International Olympiad of Science 2014



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.

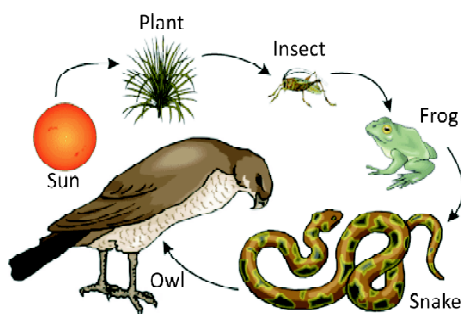
The Actual Question Paper Contains 40 Questions. The Duration of the Test Paper is 60 Minutes.

1. A water containing jar is heated by a Bunsen burner as shown below. How does water on the upper surface of the jar is heated?



- (A) Conduction (B) Convection
(C) Radiation (D) All of these
(E) None of these

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. Climate at a place is deeply influenced by the distance from the sea. Which one of the following types of air blows from sea to land?

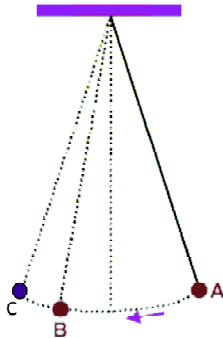
- (A) Cool air
(B) Hot air
(C) Warm air
(D) All of these
(E) None of these

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. Which one of the following types of motion does the pendulum have ?



- (A) Periodic motion
- (B) Circular motion
- (C) Oscillatory motion
- (D) All of these
- (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. Which one of the following factors determines the amount of gravitational force exerted by an object?

- (A) Length
- (B) Breadth
- (C) Mass
- (D) Shape
- (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. You must have noticed that different types of food have different types of colour. For example mango is yellow and apple is red. They get the same sunlight then why their colours are different?

- (A) Because food does not reflect sun light
- (B) Because sunlight has single colour
- (C) Because of the wavelength of light that they reflect
- (D) All of these
- (E) None of these



ANSWERS

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