



8th International Olympiad of Science 2016



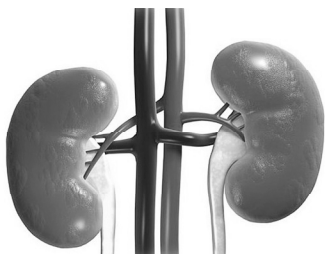
Presented by:
SILVER ZONE FOUNDATION
 Organized by
SOCIETY OF SCIENCE EDUCATION
 New Delhi, India
 FOR SUPREMACY IN SCIENCE
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CLASS 4th SYLLABUS & SAMPLE QUESTIONS

Microorganisms, The Plant Kingdom, The Animal Kingdom, Functioning of Human Body, Soil, Rock and Minerals, Measurement, Force and Motion, Work, Power and Energy, Matter, 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. Identify the figure given below and name the system to which it belongs.



- (A) Digestive system
 (B) Excretory system
 (C) Respiratory system
 (D) Circulatory system
 (E) None of these
2. Sometimes in the sky we see a string of light for a very few moment. Actually these are meteors which burn on entering into the atmosphere of the earth. Which one of the following gives the required heat energy to the meteors to be burnt?
- (A) Friction
 (B) Gravitation
 (C) Upthrust
 (D) All of these
 (E) None of these

3. Which one of the following is an arboreal animal?



(E) None of these

4. Jasmine took some soil in a covered container. She heated it slowly, after some time she observed some droplets of water under the cover of the container. What does this show?
- (A) Soil has humus (B) Soil has sand
 (C) Soil has gravel (D) Soil has moisture
 (E) None of these

5. All the stars that we see in the sky are not equally bright. Choose the correct reason for this.

- (A) Distance of the star from us
- (B) Part of the time when we are seeing
- (C) Amount of light that the star emits
- (D) Both (A) and (C)
- (E) None of these

6. Consider the following statements:

Micky: Work is always done by a force.

Goofy: A moving body can be stopped by applying force.

Donald: We do not need energy to write answers of this question paper.

Who is telling the wrong fact?

- (A) Goofy (B) Micky
- (C) Donald (D) All of them
- (E) None of them

7. Consider the statements given below:

Krish: Galaxy is a system of millions or billions of stars, together with gas and dust, held together by gravitational attraction.

Superman: Sun is present at the center of our galaxy milky way.

Spiderman: Sun is present at the center of our solar system.

Who is correct?

- (A) Krish
- (B) Krish and Spiderman
- (C) Spiderman
- (D) Superman and Spiderman
- (E) All of them

8. Which of these changes are not permanent?

- (A) Rusting of iron
- (B) Burning of paper
- (C) Growth of seedling into a plant
- (D) Change of water into ice
- (E) None of these

9. The two objects of same mass are moving with different speed. The object which has greater speed has possessed _____ amount of kinetic energy.

- (A) Smaller (B) Greater
- (C) Same (D) All of these
- (E) None of these

10. The dangerous ultraviolet rays from the sun are stopped in the upper part of the atmosphere. The layer which protects us from harmful ultraviolet rays, is present in

- (A) Troposphere (B) Hydrosphere
- (C) Stratosphere (D) Exosphere
- (E) None of these

ANSWERS

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