

Name-\_\_\_\_\_

Roll No-\_\_\_\_\_

Section-\_\_\_\_\_

**JB Academy**  
**Annual Examination**  
**Class VI (Science)**

**Time: 2 Hours**

**M:60**

**A. Answer the following questions in very short.**

**2x5=10**

1. How a deer is able to spot a predator easily?

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2. Ram covers a distance of 750 km in his Jeep with a speed of 50 km/h. How much time does he taken?

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3. On What factor does the nature and shape of a shadow depend?

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4. Name the substance used to make filament of a bulb. What is meant by electric current?

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5. Name and draw various shapes of magnets know to you.

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**B. Answer these questions.**

**3x5=15**

1. How do plants and animals help each other in the exchange of gases in atmosphere?  
Explain with a diagram.

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2. Why are two different coloured bins used to throw garbage? What type of waste is thrown in them and why?

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3. Define pinhole camera. What is irregular reflection?

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**C. Answer in detail.**

**5x2=10**

1. Give 2 adaptations of

- a. Fixed aquatic plants.

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b. Polar bear

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c. Mountain goat

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d. Preys of grassland

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e. Snow leopard

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2.

a. Name and explain different kinds of precipitation.

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b. Draw 4 sources of ground water.

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c. What is the advantage of Rain water harvesting.

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**D. Give reasons.**

**5x1=5**

1. Earthworms come out of soil during rainfall.

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2. Aquatic animals can survive in water.

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3. We use multiple and submultiples of a standard unit for measurement.

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4. Plastic is a dangerous evil.

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5. A balloon filled with hydrogen gas goes up in the air.

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**E. Analogy type.**

**5x1=5**

1. Rotten fruit : Biodegradable :: Plastic : \_\_\_\_\_
2. Glider : Air :: Sailboat : \_\_\_\_\_
3. Iron : Magnetic material :: Glass : \_\_\_\_\_
4. Sun : Luminous body :: Ball : \_\_\_\_\_
5. Conifers : Mountains :: Cactus : \_\_\_\_\_

**F. Fill in the blanks.**

**10x1/2=5**

1. A electric bulb has a \_\_\_\_\_ that is connected to its terminal.
2. A simple device used to obtain images of objects and people on screen \_\_\_\_\_.
3. Environment consists of \_\_\_\_\_ and \_\_\_\_\_ component.
4. Ability to change colour is termed as \_\_\_\_\_.
5. This plants remain submerged in water \_\_\_\_\_.
6. 1 meter = \_\_\_\_\_ decimeters.
7. Water is a \_\_\_\_\_ conductor of electricity. So never touch electrical appliances with wet hands.
8. The magnets should never to \_\_\_\_\_ from height as this destroys their magnetic character.
9. \_\_\_\_\_ is a natural disaster caused by insufficient rainfall.
10. Chemical energy of a cell is converted into \_\_\_\_\_ energy.

**G. Activity based questions.**

1. How will you prove that oxygen supports burning?

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2. One day Mohan was standing near window of his house and enjoying rains. As windows were closed. He was seeing the rains and their droplets through the window. He went to the kitchen where his mother was cooking. Mohan tried to watch through glass but he could not see.

**2**

a. Why was he unable to see through kitchen window directly?

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b. Can you give some other example of it?

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3. To what use can you put following kinds of garbage and why?

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a. Rotting smelly garbage.

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b. Dry leaves collected in a garbage.

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c. Old newspapers

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4. Explain an activity with diagram to demonstrate light travels in a straight line. 3

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