



# Rudra The Practical School

Final exam 2021

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

Date : \_\_\_\_\_

Class : 6<sup>th</sup>

Subject :- Science

Marks: 60

## Q I) MULTIPLE CHOICE QUESTIONS :

5MKS

- 1) The electricity that we use at our homes comes from \_\_\_\_\_.  
a) battery      b) cells      c) electric power station      d) solar system
- 2) \_\_\_\_\_ is a submerged plant.  
a) vallisneria      b) lotus      c) kelvin      d) kilogram
- 3) which of the following upsets the balance of gases in nature?  
a) air pollution      b) deforestation      c) soil erosion      d) both (a) and (b)
- 4) The coming down of water in the form of rain, hail or snow is called \_\_\_\_\_.  
a) evaporation      b) condensation      c) precipitation      d) transpiration
- 5) which of the following converts a biodegradable waste into compost \_\_\_\_\_.  
a) bacteria      b) fungi      c) earthworms      d) all of these

## QII) MATCH THE FOLLOWING :

4MKS

- |                     |                                       |
|---------------------|---------------------------------------|
| 1) magnetic pole    | a) travel in a straight line          |
| 2) light            | b) maximum magnetic force             |
| 3) cactus           | c) expansion and contraction of chest |
| 4) vibratory motion | d) attracted by magnet                |
|                     | e) waxy coating on leave              |

## QIII) CIRCLE THE ODD ONE OUT AND GIVE REASON FOR YOUR CHOICE :

4mks

- 1) Copper    iron    pencil    rubber
- \_\_\_\_\_

- 2) Dew    fog    ice    hail
- \_\_\_\_\_

- 3) air pollution    water pollution    reforestation    soil pollution
- \_\_\_\_\_

- 4) blades of a fan    giant wheel    swinging pendulum    spinning top
- \_\_\_\_\_

## QIV) VERY SHORT ANSWER QUESTIONS : ( any 7 )

7mks

- 1) What types of worms are used for vermicomposting? \_\_\_\_\_
- 2) Name the gases present in the atmosphere ? \_\_\_\_\_
- 3) Name a water-borne disease . \_\_\_\_\_
- 4) Name two objects that are attracted by magnets. \_\_\_\_\_
- 5) Name any two gadgets that use electric cells for their working. \_\_\_\_\_
- 6) Name three luminous objects . \_\_\_\_\_
- 7) Give two means of transport developed with the invention of the steam engine.  
\_\_\_\_\_

8) Write two characteristics of pine tree that help it adapt in mountain regions.

\_\_\_\_\_.

**QV) SHORT ANSWER TYPE QUESTIONS : ( any 6)**

**12mks**

1) Differentiate between adaptation and acclimatization?

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2) Mention the two factors on which the size of a shadow depends .

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3) How is circular motion different from rotatory motion?

4 )What are the two important processes through which water vapour enters the atmosphere ?

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5) Why is nitrogen needed by living organisms .

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6 )Differentiate between natural and artificial magnets.

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7 )Why is disposal of non-biodegradable waste a big concern ?

**QVI) LONG ANSWER QUESTIONS : ( ANY 4)**

**12mks**

1) What are the basic approaches to management of wastes

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2) a) Name the source of electricity in a torch.

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Draw a labeled diagram of its inner view.



2) Explain how desert plants and animals are able to survive in a hot dry climate.

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3) What is the advantage of rainwater harvesting ?

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4) What is meant by reflection of light ? What type of objects reflect more light?

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**QVII) HIGHER ORDER THINKING SKILLS : ( ANY 4)**

**8MKS**

1) Explain why some insects living in soil come out only during heavy rain.

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2) GIVE REASON :

a) our feet become wet while walking on grass in cold winter mornings.

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b) The handles of tools , like screw drivers and pliers, usually have plastic or rubber covers on them.

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3 )How will you find poles of on odd-shaped magnet .

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3) can you see your image in the water of your swimming pool ? how

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4) How does a sea animal like dolphin, survive in water without gills ?

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**QVIII) APPLICATION BASED :**

**4MKS**

1) Mehak wants to perform a shadow show in her classroom , what are the requirements for her show ?

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2) Why can you not use an elastic measuring tape to measure distance ? What problems you may face if you use it?

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**QIX) PRACTICAL SKILL BASED QUESTIONS :**

**4MKS**

1) Can we add wastes like metals and plastic toys in a compost pit to make compost ? Why ?

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2) How will you show that magnetic poles have the maximum magnetic power ?

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