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WORKSHEET

ANNUAL EXAMINATION/EVALUATION 2: 2021-22

GRADE: 5

SUBJECT: Science

Section – A

I. Choose the correct option:

1. One of the most common minerals found on Earth
a) Basalt b) quartz c) marble d) none
2. First Indian woman to go to space
a) Kalpana Chawla b) Sunita Williams c) Aryabhata d) None
3. Cow dung and animal excreta are used to make
a) Solar panels b) Biogas c) Both a & b d) None
4. Hard rock, shiny and white as milk
a) Coal b) Granite c) Marble d) None

II. Fill in the blanks:

1. _____ was the first satellite launched by India.
2. When a volcano erupts, _____ comes out onto the Earth's surface.
3. To save resources like _____ & _____ we need to conserve energy.
4. _____ is a vehicle sent into space.

III. Answer the following questions:



1. What is a turbine?

2. What is the source used in this figure?

3. How is water converted into steam?

4. What do you conclude from the figure?

IV. Name the following:

1. It is needed to run most of our appliances and equipment. _____

2. The outer layer of Earth _____

3. The first living thing to go to space was a dog named _____

4. The curved path in which a planet or satellite revolves around another body. _____

V. Short answer questions:

1. What is biomass? How can it be used?

2. How are sandstone and limestone formed?

3. Name the natural satellite of earth. Write 2 points about it.

4. Write 2 uses of solar energy.

OR

How is granite rock different from a pumice stone?

VI. Long answer questions:

1. Write 3 uses of artificial energy.

2. What is the difference between a renewable and non-renewable source of energy. Give examples.

OR

Write 4 ways to conserve energy.

VII. Case study

Any natural mass of mineral matter that makes up the earth's crust is called a rock, Rocks can be of different color, size and texture,

There are three major types of rocks: igneous rocks, sedimentary rocks and metamorphic rocks.

One type of rock changes to another type under certain conditions in a cycle manner. This process of transformation of the rock from one to another is known as the rock cycle, when the molten magna cools, it solidifies to become igneous rock. These igneous rocks are broken down into small particles that are transported and deposited to form sedimentary rocks. When the igneous and sedimentary rocks are subjected to heat and pressure they change into metamorphic rocks. The metamorphic rocks which are still under great heat and pressure melt down to form molten magma. This molten magma again can cool down and solidify into igneous rocks.

Answer the following questions:

1. What is a rock?

2. What do you mean by a rock cycle?

3. How many types of rocks are there? Name them.
