**Friday 11th March, 2022**

**Science WT**

## SECTION A

**<u>Circle the letter</u> which represents the correct answer.**

1. Which of these is a renewable energy source?
   a. coal b. natural gas c. sun d. crude oil

2. Which of these is a non-renewable energy source?
   a. coal b. water c. sun d. wind

3. Which of these is NOT a fossil fuel?
   a. coal b. natural gas c. biomass d. petroleum

4. Conserving energy means:
   a. wasting it b. hiding it c. saving it d. using it

5. This type of energy is from the sun.
   a. solar b. geothermal c. biomass hydropower

6. Water from a dam or a river can be used to spin turbines and generate electricity.
   a. solar b. geothermal c. biomass hydropower

7. This refers to electricity generated using animal, forest, or agricultural waste.
   a. solar b. geothermal c. biomass hydropower

8. Heat from inside the Earth can be used to heat homes and buildings with heat pumps.
   a. solar b. geothermal c. biomass hydropower

9. Which of the following is the main source of electricity?
   a. petroleum b. coal c. natural gas

10. These products are made from:
    a. petroleum b. coal c. natural gas

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**SECTION B**

1. What is energy?

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2. Name one device which uses solar energy.

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3. State one way that natural gas is used.

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4. Briefly explain the term, "alternative energy"?

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5. If you had the choice, which source of energy would you use? Give a reason for your answer.

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