

**Q1: Put correct number of meaning near each type of word:**

1-Materials that is replaced quickly in nature.

2-A source of energy other than burning fossil fuel.

3-Fuel made from biomass, or living or formerly living martials.

4--Power obtained from solar energy to generate electricity by solar cells.

5-Energy obtained from Earth's interior.

6-Is energy that comes from moving water.

7-Electricity produced by waterpower.

8-Harness تَسْخِير the motion of the wind to generate electricity.

A-(.....) Alternative source. مصادر بديلة

B-(.....) Geothermal energy. طاقة حرارة جوفية

C-(.....) Renewable resource مصدر متجدد

D-(.....) Hydropower طاقة مائية

E-(.....) Biofuel وقود حيوي

F-(.....) Hydroelectricity طاقة كهرومائية

G-(.....) Windmills طواحين الهواء

H-(.....) Solar power طاقة شمسية

**Q2: Choose best answer for each one:**

1-Geothermal energy is obtained and used by harnessing the heat from .....Earth's surface.

a a- above b-near c- below

2-Electricity produced from flowing water is called .....

a-Geothermal energy b- Hydroelectricity c- Thermal energy

3-A device that produces electricity from sunlight is a(n) .....

a- Solar cell b- Windmill c- LED

4-A hydroelectric plant uses alternative energy sources, such as ....., to generate electricity.

a- Wind b- Water c- Sun

5-Which type of energy would best be used in an area with a lot of hot springs?

a-Hydroelectricity b- Solar energy c- Geothermal energy

6-Wind energy, water energy, and solar power are all examples of ..... energy solutions.

a-alternative or Renewable b- Nonrenewable c-Fossil fuels

7- Which is not a source of renewable energy?

a-Thermal energy

b- Wind energy

c-fossil fuels

8- Wind energy, harnessed by windmills, is one type of ..... energy

a-Source.

b- Renewable

c-Nonrenewable.

9- Which method is used to change plant and animal materials into fuel? تحويل الكتلة الحيوية

a-Hydroelectricity

b- Recycling

c-Biomass conversion

10- Because it can be replaced quickly in nature, water is considered a(n)

a-Renewable resource

b- Nonrenewable

c- Nothing

11- Solar, **Geothermal**, **hydropower** and **wind** are renewable resources that produce:

a-Electricity

b-Nuclear

c- Fuels

12-Biomass burning can produce:

a-Thermal energy

b-Fuel

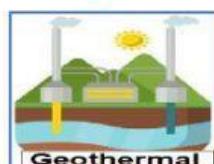
c- Gas

d- All of them

**Q 3: Connect each picture to energy type that used then connect to energy that**

**produce:** صل كل صورة بنوع الطاقة المستخدمة ونوع الطاقة المنتجة لكل صورة من صور الطاقة :

**Energy that Used**  
الطاقة المستخدمة



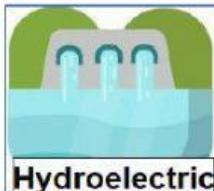
**Energy that Produces**  
الطاقة المنتجة

**1-Light, Heat energy**



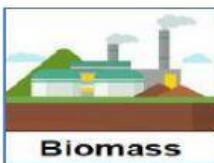
**B- Electricity Energy**

**2-Thermal energy**



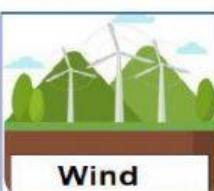
**B- Electricity Energy**

**3- Kinetic energy**



**B- Electricity Energy**

**4- Store energy**



**C- Thermal**

**5- Kinetic energy**

**D- Gas**

**A- Fuels**