



## Science Form 2 - Chapter 7 (7.1 electricity)

23 Questions

NAME : \_\_\_\_\_

CLASS : \_\_\_\_\_

DATE : \_\_\_\_\_

1.



what is the unit for energy?

a) newton

b) joule

c) force

d) volt

e) ampere

2.



energy \_\_\_\_\_ be created and destroyed.

a) can

b) cannot

3. which one is renewable energy?(there is more than 1 answer)

a) fossil fuel

b) water

c) solar

d) radioactive  
substances

e) wind

4.

what is the **energy change** for a **burning candle**?

- a) chemical energy  
→ light energy
- b) chemical energy  
→ heat energy +  
kinetic energy
- c) light energy →  
heat energy +  
chemical energy
- d) chemical energy  
→ light energy +  
heat energy

5.

what is the **name** of **positive charge**?

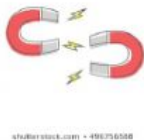
- a) electron
- b) neutron
- c) proton
- d) nucleus

6.

what is the **name** of **negative charge**?

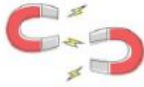
- a) neutron
- b) electron
- c) proton
- d) nucleus

7.

**like** charges \_\_\_\_\_ each other.

- a) attract
- b) repel
- c) touch

8. unlike charges \_\_\_\_\_ each other.



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- a) repel
- b) attract
- c) touch

9. what is the name of this tool?



- a) insulator
- b) dosimeter
- c) electroscope
- d) microscope

10. what is the unit for voltage?

- a) ampere
- b) current
- c) volt
- d) resistance

11. what is the unit for current?

- a) volt
- b) voltage
- c) ohm
- d) ampere

12. Identify the type of energy



- a) Electrical Energy
- b) Mechanical energy
- c) Sound energy
- d) Thermal energy

13.



Choose the source of energy

- a) Nuclear
- b) Petrol
- c) Coal
- d) Sun

14.



Choose the source of energy

- a) Wind
- b) Water
- c) Sun
- d) Biomass

15. Energy of motion is which type of energy?

- a) Potential
- b) Kinetic
- c) Sound
- d) Gravitational

16. The ability to do work is

- a) power
- b) energy
- c) thermal
- d) kinetic

17. What is produced on a balloon after it is rubbed with a woolen cloth?

- a) Electrostatic charges
- b) Electric current
- c) Voltage
- d) Resistance

18. What is the unit for resistance?

- a) Ampere
- b) Volt
- c) Ohm

19. which one is **renewable energy**?(there is more than 1 answer)

- a) fossil fuel
- b) water
- c) solar
- d) radioactive substances

20. Ability to carry out work is..

- a) Work
- b) Energy
- c) Momentum
- d) Velocity

21. The energy which enables us to see..

- a) light energy
- b) kinetic energy
- c) heat energy
- d) electrical energy

22. All below are sources of energy except..

- a) wind
- b) green plant
- c) geothermal
- d) fossil fuel

23. What can be used to produce electric charges at high voltages?

- a) Van de Graaff generator
- b) Resistor
- c) Ammeter
- d) Voltmeter