Knowledge and Awareness Mapping Platform
(KAMP)

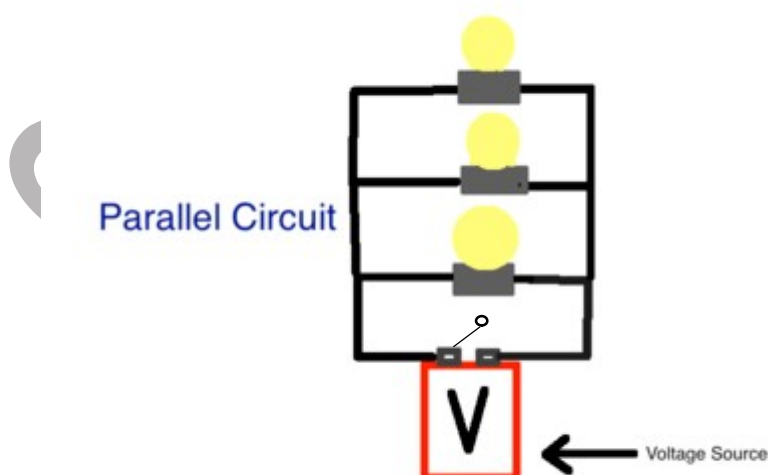**NASTA(2019 – 2020)**　　　　　**SAMPLE TEST**　　　　　**CLASS: 7TH**

1. Vitamin E is important for

    [A] protecting cells

    [B] vital tissues protection

    [C] protecting cells

    [D] both (1) and (2)

2. In reflection of light

    [A] Angle of reflection is greater than the angle of incidence.

    [B] Angle of reflection is equal to angle of incidence.

    [C] Angle of reflection is smaller than the angle of incidence.

    [D] No relation between Angle of reflection and the angle of incidence
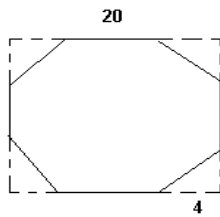
3. Natural gas is an example of

    [A] An exhaustible resource

    [B] Not a resource

    [C] An inexhaustible resource

    [D] Man-made resource

4. What would happen to the bulbs if a witch is closed on the parallel circuit?

Parallel Circuit

Voltage Source

    [A] One bulb will light up

    [B] No change

    [C] All the bulbs will light up

    [D] All the bulbs will go off

5. Which of the following is not prepared from forest products?

   [A] Paper   [C] Matchsticks

   [B] Plywood   [D] Thermocol

6. The rigid outer part of the earth, consisting of the crust and the upper mantle is called

   [A] Magma   [C] Ionosphere

   [B] Lithosphere   [D] Magnetosphere

7. Stubble burning is considered as a major source of

   [A] Air pollution in Bangalore   [C] air pollution in Delhi

   [B] air pollution in villages   [D] air pollution in the coast

8. Vegetation that can survive in saline water is called

   [A] Tundra   [C] Chapparal

   [B] Mangrove   [D] grassland

9. The amount of water recommended by the United Nations for drinking, washing, cooking and maintaining proper hygiene per person per day is a minimum of

   [A] 15 litres   [C] 50 litres

   [B] 30   [D] 60

10. The atmosphere is held to the earth by

    [A] Atmospheric pressure   [C] Gravitational force of the earth

    [B] Tidal Force   [D] Gravitational force of the sun

11. X is such that X*0.75 =1. X is

    [A] 3/2   [C] 1/4

    [B] 5/3   [D] 1 1/3

12. The length of the side of a square is doubled. The ratio of the areas of the original square to the area of the new square is

    [A] 1:1   [C] 1:2

    [B] 1:4   [D] 2:4

13. As of December 2019, the world population is about 7,700,000,000. This number in powers of ten is

    [A] 7.70×10^9 [C] 0.70×10^9

    [B] 77.0×10^9 [D] 7.0×10^9

14. Four congruent isosceles right triangles are cut from the 4 corners of a square with a

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side of 20 units. The length of one leg of the triangles is equal to 4 units. The area of the remaining octagon is

[A] 372 square units   [C] 358 square units

[B] 368 square units   [D] 348 square units

15. A person jogged 10 times along the perimeter of a rectangular field at the rate of 12 kilometers per hour for 30 minutes. If field has a length that is twice its width, the area of the field is

[A] 10,000 square meters   [C] 20,000 square meters

[B] 20 square kilometers   [D] 20,000 square ft

16. A passive threat to computer security is

[A] Accidental malfunction   [C] Breakdown

[B] Circuit error   [D] Malicious Intent

17. Photo editing is an examples of

[A] Operating System   [C] Malware

[B] system software   [D] Application software

18. Which of the following is not a real security and privacy risks

[A] Hackers   [C] Viruses

[B] Spam   [D] Identity theft

19. Loading Operating System onto RAM is called

[A] Boosting   [C] Powering

[B] Booting   [D] Processing

20. Program in HTML coding backend used is

[A] Internet-Explorer   [C] Notepad

[B] MS Word   [D] FTP

<u>This page for rough work</u>