

Knowledge and Awareness Mapping Platform

(KAMP)

NASTA(2019 – 2020)

SAMPLE TEST

CLASS: 7TH

1. Vitamin E is important for

[A] protecting cells	[C] protecting cells
[B] vital tissues protection	[D] both (1) and (2)

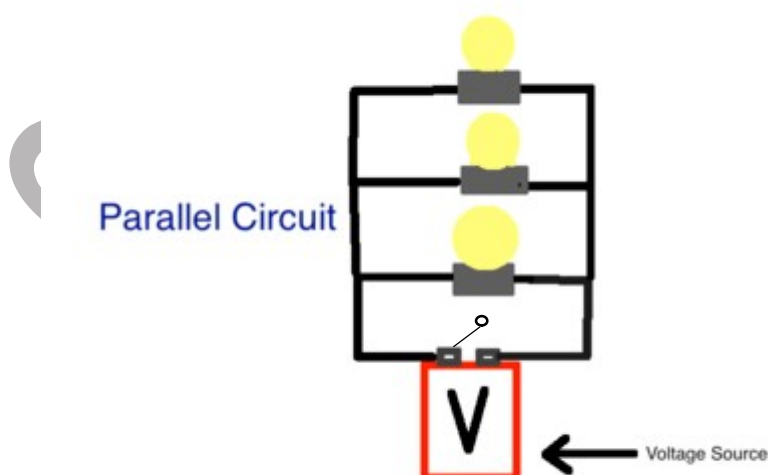
2. In reflection of light

[A] Angle of reflection is greater than the angle of incidence.	[C] Angle of reflection is smaller than the angle of incidence.
[B] Angle of reflection is equal to 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	[C] An inexhaustible resource
[B] Not a resource	[D] Man-made resource

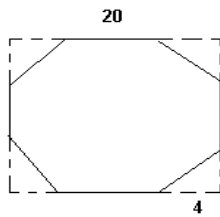
4. What would happen to the bulbs if a switch is closed on the parallel circuit?



- | | |
|----------------------------|---------------------------------|
| [A] One bulb will light up | [C] All the bulbs will light up |
| [B] No change | [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 $X \cdot 0.75 = 1$. X is
[A] $\frac{3}{2}$ [C] $\frac{1}{4}$
[B] $\frac{5}{3}$ [D] $1\frac{1}{3}$
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] $7.70 \cdot 10^9$ [C] $0.70 \cdot 10^9$
[B] $77.0 \cdot 10^9$ [D] $7.0 \cdot 10^9$
14. Four congruent isosceles right triangles are cut from the 4 corners of a square with a

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

This page for rough work

Sample Paper