

Knowledge and Awareness Mapping Platform

(KAMP)

NASTA(2019 – 2020)

SAMPLE PAPER

CLASS: 10TH

- The pH value of sodium chloride is
[A] 7.5 [C] 6.4
[B] 7.0 [D] 0
- Covalent compounds are generally poor conductors of electricity because
[A] They have too many ions [C] They have no electrons
[B] They are inert [D] They do not form ions
- What is normal average blood pressure in humans (in mm of Hg)?
[A] 130/60 [C] 140/70
[B] 120/80 [D] 140/ 90
- Translocation utilizes energy (ATP) to transfer _____ into phloem tissue.
[A] Potassium [C] Fat
[B] Lipid [D] Sugar
- Four chambered heart is a characteristic feature of:
[A] Mammals [C] Fishes
[B] Amphibians [D] Reptiles
- Deforestation affects all wild life. However, it is most harmful to
[A] Small insects and worms [C] Aquatic animals
[B] Large animals [D] Birds
- Agricultural practices in an area depends primarily on

- [A] The local climate
[B] Local administration
- [C] The local climate and soil
[D] Transportation facilities

8. Wild life implies

- [A] Only large animals found in the wild
[B] Animals and birds found in the wild but not insects
- [C] All life forms found in the wild
[D] Animals and birds found in the wild but not fishes

9. Wild animals differ from their domestic counterparts mainly in

- [A] Their food sources
[B] Their sizes
- [C] Their coloration
[D] Their sounds

10. The proportion of forest cover in India at present is

- [A] Well above required level
[B] Just above required level
- [C] below required level
[D] Undetermined

11. Function f is described by the equation $f(x) = -x^2 + 7$. The value of $f(x)$ at $x = 1$ is

- [A] 8
[B] 6
- [C] 7
[D] 9

12. If x is a finite real number, then the which of the following statements is true

- [A] There is always a real number $> x$
[B] There may not always be a real number $> x$
- [C] Only for some real number x , there is always a real number $> x$
[D] There is no real number $> x$

13. $\sqrt{-1}$ is a

- [A] Real number = 1
[B] Real number = -1
- [C] Not a real number
[D] Real number = 0

14. The number of real number contained in the interval $[-1,1]$ is

- [A] infinite
[C] Large but finite

[B] Very few

[D] Small

15. The equation $x^2 - 4x + 4b = 0$ has two real solutions for

[A] All $b < 1$

[C] $b = 1$

[B] All $b > 1$

[D] $b = -1$

16. You Can Attach An Object To A Path by using

[A] By adding Pathform (WSM)

[C] By adding PathDeform (WSM)

[B] By adding Pathf

[D] By adding (WSM)

17. Schematic View is useful because it shows how items are

[A] To be delinked

[C] Different from one another

[B] Linked together in the scene

[D] Linked together in the text

Sample Paper

This page for rough work

Sample Paper