

Knowledge and Awareness Mapping Platform

(KAMP)

NASTA(2019 – 2020)

SAMPLE PAPER

CLASS: 8TH

1. Compared to wood,
- [A] some metals are better conductor of heat [C] No metal is better conductor of heat
- [B] All metals are poor conductor of heat [D] All metals are better conductor of heat
2. Fungi are
- [A] Always unicellular, prokaryotic [C] Always multicellular, eukaryotic
- [B] unicellular or multicellular, eukaryotic [D] unicellular or multicellular, prokaryotic
3. A matchstick catches fire when struck against the rough surface of the box primarily because of
- [A] inflammatory material on the rough surface [C] Electric charge
- [B] Frictional heat [D] Latent heat
4. The loudness of sound depends primarily on its:
- [A] amplitude [C] frequency
- [B] source [D] its time period
5. A fluid exerts pressure in
- [A] In all directions and on the walls of the container [C] Only on the walls of the container
- [B] In one direction only [D] In two opposite directions
6. All minerals on earth are
- [A] inexhaustible [C] All are exhaustible
- [B] Some are inexhaustible [D] Only some are exhaustible

7. Horticulture refers to
- [A] Desert agriculture [C] Primitive agriculture
[B] Growing of fruits and vegetables [D] Farming of animals
8. India is ---- in human resource
- [A] poor [C] rich
[B] Very poor [D] Moderately poor
9. Nuclear power plants
- [A] Do not generate any toxic waste [C] Generates toxic waste regularly
[B] Generates toxic waste only occasionally [D] Generates only non-toxic waste
10. Success of Agriculture in India strongly depends on
- [A] Monsoon rainfall [C] Wind energy
[B] Himalayan snowfall [D] Govt. Subsidy
11. The value of $1000^0 =$
- [A] 0 [C] 1000
[B] 1 [D] 100
12. The parallel sides of a trapezium measure 12 cm and 20 cm. Calculate its area if the distance between the parallel lines is 15 cm, the area of the trapezium is
- [A] 144 cm sq [C] 400 cm sq
[B] 330 cm sq [D] 660 cm sq
13. Consider the data: -4, 25, 4, 11, 125. The range of the data is
- [A] 121 [C] 100
[B] 125 [D] 129
14. A cuboid has a base area of 180 cm^2 and volume is 900 cm^3 . Its height is
- [A] 25 cm [C] 5 cm
[B] 500 cm [D] 50 cm

15. Consider the following observations in a data
x, v, y, z, y, x, v, z, v, x, y, v.
The data with the highest frequency is
- [A] v [C] x
[B] z [D] Y
16. In computer science, flowchart refers to a pictorial representation of
- [A] Input [C] An algorithm
[B] Output [D] Data
17. In computer science, algorithm refers to
- [A] A general description of the problem [C] A Computer Code
[B] Syntax of a program [D] a special method for the solution to a problem
18. Photoshop is used for
- [A] Graphics [C] Only typing
[B] Programming [D] Only animation
19. Which of these color models are not in Photoshop?
- [A] LAB [C] RGB
[B] CNYK [D] HSB
20. The process of drawing a pictorial representation for an algorithm is called
- [A] Representation [C] Evaluation
[B] Flowcharting [D] Graphitization

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Sample Paper