

CSS General Abilities Topic 1 Basic Arithmetic

Sr	Questions	Answers Choice
1	In an election between two candidates, the candidate who got 30% of the the votes polled is defeated by 1500 votes. Find the number of votes polled by the wining candidate.	A. 26250 B. 25250 C. 30250 D. 35250
2	A Physical mathematical or logical representation of a natural phenomenon is called	A. Phenomenal B. A Scientific model C. A theoretical postulate D. None of these
3	The position of earth in its orbit.when it is at its greatest distance from the sun causing northern summer is called	A. Aphelion B. Perihelion C. Perigee D. Apogee
4	In a railway track,two rails are joined end to end with a gap tin between them because:	A. Steel can be saved B. Accident due to contraction in winter can be avoided C. Air gapes are necessary for bearing the weight of running train D. Accidents due to expansion in summer can be avoided
5	Chromosomes are made up of:	A. DNA only B. DNA and RNA C. Proteins only D. DNA, RNA and Protein only
6	The average of 7 consecutive numbers is 33. The largest of these numbers is:	A. 36 B. 33 C. 30 D. 28
7	Principal sugar present in milk is	A. Maltose B. Lactose C. Lactic D. Glucose
8	$12\frac{1}{2} \times 3\frac{3}{5} + 1\frac{4}{5} = ?$	A. 45 B. 81 C. 405 D. None of these
9	Sea divers use a mixture of gases for breathing during diving.The mixture is:	A. 80%He&20%O2 B. 80%N2&20%O2 C. 205O2&40%N240%CO2 D. 50%HE % 50%O2
10	If $\sqrt{2^n} = 64$, then find the value of n	A. 8 B. 10 C. 12 D. 16
11	A moderator is used in nuclear reactor in order to:	A. Accelerate the neutrons B. Slow down the speed of the neutrons C. Increase the number of election D. Decrease the number of electrons
12	The sum of kinetic energy and potential energy of an oscillating body is	A. Maximum in the beginning B. Constant at all points C. Maximum at midway of the path D. Minimum in the beginning
13	Among the following, the only secondary pollutant is	A. Sulphur tetroxide B. Sulfur dioxide C. Ozone D. None of these
14	Light year is related to:	A. Time B. Distance C. Energy D. Speed

15	Ozonosphere is mainly depleted by	A. Excess CO B. Excess CO ₂ C. CFCs D. Ozone
16	Bronze medal is made up of metal:	A. copper, zinc B. copper, nickel C. Copper, tin D. Copper, Silver
17	Which one of the following is a non-metallic mineral?	A. Manganese B. Magnesium C. Gypsum D. Bauxite
18	What per cent of 12 is 84?	A. 800% B. 600% C. 700% D. None of these
19	A jar contains 20 marbles: 4 red, 6 white, and 10 blue. If you remove marbles one at a time, randomly, what is the minimum number that must be removed to be certain that you have at least 2 marbles of each colour ?	A. 6 B. 10 C. 12 D. 16 E. 18
20	The radius of a sphere is increased by 10%. The surface area increases by	A. 21% B. 31% C. 41% D. None of these