

CSS General Abilities Topic 1 Basic Arithmetic

Sr	Questions	Answers Choice
1	If 1/3 of the liquid contents of a can evaporates on the first day and 3/4 of the remainder evaporates on the second day, the fractional part of the original contents remaining at the close of the second day is	A. 4/7 B. 1/2 C. 1/6 D. 7/12
2	The operation of solar cell is based on	A. Last technology B. Photo conduction C. Thermal emission D. Tyndall effect
3	One of these scientist formulated basic laws of geometry:	A. Pythagoras B. Archimedes C. Aristotle D. None of these
4	Which one of the following planets has largest number of natural satellites or moons?	A. Jupiter B. Mars C. Saturn D. Venus
5	Vitamins A,D,E and K is called:	A. Water soluble vitamins B. Primary vitamins C. Basic vitamin D. Fat soluble vitamin
6	The H.C.F. of 2923 and 3239 is:	A. 37 B. 47 C. 73 D. 79
7	Sonar is used to measure ?	A. The speed of sound B. Ocean depth C. Water properties of temperature D. None of these
8	If $5^{x+3} = (25)^{3x-4}$, then the value of x is:	A. 5/11 B. 11/5 C. 11/3 D. 13/5
9	In water pollution, industries are said to be the	A. Line sources B. Point sources C. Area sources D. none of these
10	Galileo Galilei was persecuted by the Catholic Church for suspicion of holding the view that	A. Object of different masses fell at the same velocity B. The sun revolves around the moon C. The earth was probably not the centre of the universe D. None of these
11	The largest number of three digits which is a perfect square is	A. 900 B. 841 C. 961 D. 784
12	What is the chance of diabetic baby born to parents both heterozygous normal?	A. Zero B. 1/4 C. 1/2 D. 3/4
13	Which of the following elements is not present abundantly in earth;s crust?	A. Silicon B. Radium C. Aluminum D. Carbon
14	The number of ways, in which 8064 can be resolved as the product of two factors, is	A. 10 B. 16 C. 24 D. 48

15	How many $\frac{1}{8}$ s are there in $37\frac{1}{2}$?	B. 400 C. 500 D. None of these
16	Hygrometer is used for measuring the:	A. Speed of sound B. Density of milk C. Humidity of air D. Specific gravity of liquids
17	How many numbers up to 200 are divisible 2 and 3 both ?	A. 35 B. 33 C. 29 D. 27
18	Matter and Energy	A. Can be converted from one to the other B. When taken together converted in all processes in a closed system C. Both A and B D. None of these
19	Which pair of rational numbers lies between $\frac{1}{4}$ and $\frac{3}{4}$?	A. $\frac{9}{40}$, $\frac{31}{40}$ B. $\frac{24}{100}$, $\frac{74}{100}$ C. $\frac{252}{1000}$, $\frac{748}{1000}$ D. $\frac{262}{1000}$, $\frac{752}{1000}$
20	Artificial selection was practiced by the	A. Arabs B. Chines C. Romans D. None of these