

## CSS General Abilities Topic 1 Basic Arithmetic

Sr	Questions	Answers Choice
1	Who was the first Muslim mathematician who used "zero" ;	A. Ahmad ibn al-baitar B. Ibn rushd C. Ibn al- haytham D. Al khwarizmi
2	The number of half-pound packages of tea that can be weighed out of a box that holds 10 1/2 lb of tea is	A. 21 B. 20 1/2 C. 11 D. 10 1/2
3	Clock which moves with the velocities compare able with the velocity of light,run:	A. Fast B. Slow C. Equal to the velocity of light D. With zero velocity
4	The value of $(2.3)^3 - 0.027 / (2.3)^2 + 0.69 + 0.09$ is	A. 2 B. 3 C. 2.327 D. 2.273
5	Find the square root of 104976	A. 324 B. 424 C. 326 D. None of these
6	Unavailable energy in a system is called	A. Minimum energy B. Entropy C. Thermal energy D. None of these
7	Which one of the following is the largest terrestrial wild animal	A. South Asian elephant B. African elephant C. Giraffe D. White tiger
8	What is the pH value of pure water?	A. 1 B. 6 C. 7 D. 10
9	Lens used to correct short sightedness	A. Concave polygon B. Concave C. Concave mirror D. None of these
10	Who was the first scientist credited with pointing out that certain gases could cause a green house effect?	A. Jhon Tyndall B. Charles Darwin C. Roger tory peterson D. Stephen jay gould
11	It is a secondary plant nutrient:	A. Nitrogen B. Phosphorus C. Sulphur D. None of these
12	Plaster of paris is obtained from	A. Brochantite B. Gypsum C. Chalcantite D. None of these
13	$(7.5 \times 0.9 \times 14.4)$ is equal to:	A. 48.6 B. 91.44 C. 97.2 D. 94.95
14	The sum of three numbers is 98. If the ratio between first and second be 2 : 3 and that between second and third be 5 : 8, then the second number is	A. 30 B. 20 C. 58 D. 48
15	How many bones are there in the average person body?	A. 36 B. 206 C. 113 D. It varies by the individuals

16	Simplify: $(1/64)^0 + (64)^{-1/2} + (-32)^{4/5}$	<p>A. 17 1/8          B. 17 3/8          C. 11 17/8          D. 17 11/8</p>
17	Relatives to the center of our galaxy,-----	<p>A. Its stars are stationary          B. Its stars move entirely at random          C. Its stars revolve          D. Population i stars are stationary and population ii stars revolve</p>
18	Inhaled air passes through which of the following in the last?	<p>A. Bronchiole          B. Larynx          C. Pharynx          D. Trachea</p>
19	Which of the following does not vary predictably with the depth of the aquatic environment?	<p>A. Salinity          B. Temperature          C. Penetration by sunlight          D. None of these</p>
20	One type of liquid contains 25% milk, the other contains 30% milk. A can is filled with 6 parts of the first liquid and 4 parts of the second liquid. Find the percentage of milk in the new mixture.	<p>A. 20          B. 21          C. 25          D. 27</p>