

## CSS General Abilities Topic 1 Basic Arithmetic

Sr	Questions	Answers Choice
1	Let A be the set of primes less than 6, and B be the set of positive odd numbers less than 6. How many different sums of the form $a + b$ are possible, if a is in A and b is in B?	A. 6 B. 7 C. 8 D. 9 E. 10
2	Which of the following is not a part of DNA?	A. Thymine B. Adenine C. Ribose D. None of these
3	The time taken by the sun to revolve around the center of our galaxy is	A. 50 mn years B. 100 mn years C. 250 mn years D. 365 mn years
4	Ibn Zuhr the author of al Taisir is known as	A. The father of experimental surgery B. The founder of Calculus C. A Biographer of provincial governors D. None of these
5	Sir Isaac Newton and Gottfried Leibniz working independently in the 17th century laid the foundation of classical physics and are known as fathers of	A. Astrology B. Relativistic theory C. Integral and differential calculus D. None of these
6	German Silver is an alloy of:	A. Zn+Ni B. Cu+Zn C. Cu+Ni D. Cu+Sn E. None of these
7	What per cent is 3% of 5% ?	A. 60% B. 50% C. 15% D. 30%
8	Cell theory was proposed by	A. Beadle and Tatum B. Robert Hook C. Schwann and Schleiden D. Antony van Leeuwenhoek
9	$9999 + 8888 + 777 + ? = 19700$	A. 36 B. 16 C. 64 D. 26
10	Astronomic unit of light year is used to measure	A. Distance B. Time period C. Light intensity D. Time E. None of these
11	What is the total number of prime numbers less than 70 ?	A. 17 B. 18 C. 19 D. 20
12	Optical fiber operates on the principle of:	A. Tyndall B. Photoelectric effect C. Last technology D. Total internal reflection
13	Which one the following planets has largest number of natural satellites or moons?	A. Jupiter B. Mars C. Saturn D. Venus
14	If 12% of x is equal to 6% of y, then 18% of x will be equal to how much per cent of y ?	A. 7% B. 9% C. 11% D. None of these

15	The average monthly salary of a staff of 9 persons is Rs. 2450. One number of the staff whose monthly salary is Rs. 2650 is transferred. Find the average salary of the remaining 8 persons of the staff.	<p>A. Rs. 2425</p> <p>B. Rs. 2625</p> <p>C. Rs. 3025</p> <p>D. Rs. 2825</p>
16	The unit that coordinate different device of the computer system is	<p>A. A L U</p> <p>B. Register</p> <p>C. control unit</p> <p>D. Logical instruction</p>
17	The population of a town is 32000. It increases 15% annually. What will it be in 2 years ?	<p>A. 52340</p> <p>B. 42320</p> <p>C. 62430</p> <p>D. None of these</p>
18	The density of water is greatest at:	<p>A. 32°C</p> <p>B. 0°C</p> <p>C. 4°C</p> <p>D. 100°C</p>
19	5 : 7 :: ? : 28	<p>A. 20</p> <p>B. 14</p> <p>C. 56</p> <p>D. None of these</p>
20	Bleaching powder losses its power on keeping for a long time because	<p>A. It changes into calcium hypochlorite</p> <p>B. It changes into calcium chloride and calcium hydroxide</p> <p>C. It absorb moisture</p> <p>D. It changes into calcium chloride and calcium chlorate</p>