

## CSS General Abilities Topic 1 Basic Arithmetic

Sr	Questions	Answers Choice
1	Find the greatest number of four digits which must be added to 5231 so that the final number becomes exactly divisible by 12, 15, 27, 32 and 40.	A. 7929 B. 7829 C. 9729 D. 7729
2	The study of how people use tools to perform work and how people physically relate to their working environment is called	A. Engineering B. Ergonomics C. Agronomy D. Physiology
3	Diamer-bhasha dam is to be constructed on:	A. River sutlej B. River jhelum C. River chenab D. None of these
4	$5463 + 546.3 - 54.63 \div ? = 5999.3$	A. .05463 B. .5463 C. 5.463 D. None of these
5	The H.C.F. of $2^4 \times 3^2 \times 5^3 \times 7$ , $2^3 \times 3^3 \times 5^2 \times 7^2$ and $3 \times 5 \times 7 \times 11$ is:	A. 105 B. 27720 C. 1155 D. 2310
6	The ratio of the age of a man and his wife is 4 : 3. After 4 years, this ratio will be 9 : 7. If at the time of the marriage, the ratio was 5 : 3, then how many years ago they were married?	A. 12 Years B. 8 years C. 10 years D. 15 years
7	If m and n are whole numbers such that $m^n = 121$ , then the value of $(m-1)^{n+1}$ is:	A. 1 B. 10 C. 121 D. 1000
8	The average of 50 numbers is 38. If two numbers 45 and 55 are discarded, the average of the remaining set of numbers is	A. 38.5 B. 37.5 C. 37.0 D. 36.5
9	The Pakistani population receives the largest does of ionizing radiation from	A. Natural source B. Fallout from nuclear weapon testing C. Nuclear medicine D. Nuclear power plants
10	Coulomb is the scientific unit to measure:	A. Velocity B. Temperature C. Mass D. None of these
11	The nuclear reaction was invented by	A. Enrico Ferni B. Eduard jenner C. Alexander fleming D. Albert einstein torricelli
12	Water flow through a horizontal pipe at a constant volumatric rate. At a location where the cross sectional area decreases, the velocity of the fluid:	A. Increase B. Decrease C. Stay the same D. None of these
13	Which form of drug abuse involves most risk of infection with the HIV virus?	A. Cigarette smoking B. Using alcohol C. Injection of heroine D. Taking too much aspirin
14	The largest number of three digits which is a perfect square is	A. 900 B. 841 C. 961 D. 784
15	Sun rises in the east and sets in the west due to the:	A. Shape of earth B. Rotation of earth around the sun C. Rotation of earth on its axis D. None of these

16	The branch of physics which deal with the atomic nuclei is called?	<b>A. Nuclear physics</b> B. Atomic physics C. Particle physics D. Modern physics
17	Who invented the railway engine?	A. Charles Babbage B. Lsaac newton C. James Wart <b>D. George Stephenson</b>
18	Omar Khayyam was a;	A. Poet B. Mathematician C. Astronomer <b>D. All of these</b>
19	Laughing gas has chemical composition of following two elements:	A. Nitrogen+Hydrogen B. Nitrogen+Carbon <b>C. Nitrogen+Oxygen</b> D. Oxygen +Carbon
20	The energy possessed by water in a dam is:	A. electrical energy B. kinetic energy <b>C. potential energy</b> D. mechanical energy