

CSS General Abilities Topic 1 Basic Arithmetic

Sr	Questions	Answers Choice
1	Find a positive number which when increased by 17 is equal to 60 times the reciprocal of the number.	A. 20 B. 10 C. 3 D. 17
2	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
3	In a fission nuclear reaction, a heavy nucleus breaks up into smaller nuclei whereas in another nuclear reaction two or more than two possibly nuclei are fused to form a heavy nucleus. This nuclear reaction is called:	A. Chemical Reaction B. Nuclear reaction C. Fission nuclear reaction D. Fusion nuclear reaction
4	Three numbers are in the ratio 1 : 2 : 3 and their H.C.F. is 12. The numbers are:	A. 12, 24, 36 B. 10, 20, 30 C. 5, 10, 15 D. 4, 8, 12
5	If A+B means A is the brother of B; A/B means A is the father of B and A*B means A is the sister of B, which of the following means M is the uncle of P?	A. N*P/M B. M+S/R/P C. M/N*P D. M+K/T*P
6	$15\frac{2}{3} \times 3\frac{1}{6} + 6\frac{1}{3} = 11\frac{7}{18} + ?$	A. $39\frac{5}{9}$ B. $137\frac{4}{9}$ C. $29\frac{7}{9}$ D. None of these
7	The famous book; AL-Qanoun was written by the muslim scientist:	A. Jabber bin Hayyan B. Zakariya Al- razi C. Abu ali sina D. Abul Qasim majreet
8	If carbon dioxide is passed through lime water for a long time, the cloudy white color disappears because of the formation of:	A. Calcium bicarbonate B. Calcium hydroxide C. Calcium carbonate D. Calcium sulphate
9	Find the value of x in the following proportion: $27 : 72 :: x : 8$	A. 5 B. 7 C. 3 D. None of these
10	Vitamins A,D,E and K is called:	A. Water soluble vitamins B. Primary vitamins C. Basic vitamin D. Fat soluble vitamin
11	A wholesale tea dealer has 408 kilograms, 468 kilograms and 516 kilograms of three different qualities of tea He wants it all to be packed into boxes of equal size without mixing. Find the capacity of the largest possible box.	A. 50 B. 36 C. 24 D. 12
12	Although the mass of a man on moon remains same as on the earth he will	A. Be much happier there B. Weight one six as much C. Weight twice as much D. None of these
13	The time taken by the sun to revolve around the center of our galaxy is	A. 50 mn year B. 100 mn years C. 250 mn years D. 365 mn years
14	Which of the following is not associated with earth environment	A. Lithosphere B. Thermosphere C. Stratosphere D. Troposphere
15	The steam engine was invented by	A. William stockes B. J.E Lundstrom C. Sir joseph Swann D. James watt

16	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
17	The fraction for 0.535353..... is	A. 26/53 B. 27/53 C. 28/53 D. 53/99
18	The three elements needed for healthy growth of plants are:	A. N,P,K B. N,C,P C. N,K D. N,S,P
19	Glycogen is an example of	A. carbohydrate B. peptide C. lipid D. steroids
20	Which of the following enzymes bring about hydrolysis of fats?	A. urease B. zymase C. maltase D. lipase