

CSS General Abilities Online Entry Test

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Sr	Questions	Answers Choice
1	One root of the quadratic equation x^2 - 5x+6=0 is 3. Find the other root.	A. 2 B2 C. 1 D1
2	Arthur C Clark the famous science fiction author while working as a radio operator in the World War -H	A. Proposed building a space elevator from carbon mono filaments B. Postulated the existence of extra terrestrial artifacts on the moon C. Proposed that a network of satellite in stationary orbit at very high altitudes around the earth be used to bounce communication signals al over the world D. none of these
3	Coding & Decoding Letters: OFEYMCGXIH CODE: 0123456789 "Hyix" stands for:	A. 9378 B. 9387 C. 9873 D. 9738
4	Number Series Test 13.3, 16.3, 19.3,	A. 22.4 B. 22.3 C. 22.9 D. 22.0
5	A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five, and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six building that are, in alphabetical order L, M, N, O, P, and Q. P is the third stop. M is the sixth stop. The stop O is the stop immediately before Q. N is the stop immediately before L. In case L is the second stop, which among the following must be the stop immediately before M?	A. N B. L C. P D. O E. Q
6	The sensation of the skin is perceived by:	A. Epidermis B. The dermis C. Endodermis D. None of these
7	In circle of radius 5 cm, AB and AC are two equal chords such that $AB = AC = 6$ cm. What is the length of the chord BC ?	A. 9.6 cm B. 11 cm C. 12 cm D. 9 cm
8	What is the number just more than 5000 which is exactly divisible by 73?	A. 5001 B. 5009 C. 5037 D. 5027
9	Question Image	A. 18 B. 27 C. 36 D. 45
10	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
11	Question Image	A. 12 B. 18 C. 12π D. 30π
12	The G.C.D. of 1.08, .36 and .9 is:	A03 B9 C18 D108

13	Contrary to charges made by opponents of the new trade bill, the bill's provisions for taking action against foreign countries that place barriers against American exports, is justified. Opponents should take not that restrictive trade legislation in the 1930s succeeded in improving the U.S. trade balance even though economists were against it. The author's method of rebutting opponents of the new trade bill is to	A. attack the patriotism of its opponents. B. attack the opponents characters rather than their claims. C. imply an analogy between the net trade bill and previous trade legislation. D. suggest that economists were against both pieces, of legislation. E. imply that previous legislation als permitted retaliatory action against foreign countries.
14	Five bells begin to toll together and toll at intervals of 36, 45, 72, 81 and 108 seconds. After what interval of time will they keep on tolling together?	A. 3240 seconds B. 3080 seconds C. 3140 seconds D. 3200 seconds
15	9^6 + 7, when divided by 8, would have a remainder of	A. 0 B. 6 C. 5 D. None of these
16	If r1, and r2 are the two roots of the equations x^2 - 2x - 1 = 0 and if $r_1 > r_2$, what is r_1 - r_2 ?	A2√2 B2 C. 0 D. 2√2
17	 Two or more essences out of a stock five essences L, M, N, O, and P are used in making all perfumes by a manufacturer. He has learned that for a blend of essences to be agreeable it should comply with all the rules listed below. A perfume containing L, should also contain the essence N, and the quantity of N should be twice as that of L. A perfume containing M, must also have O as one of its components and they should be in equal proportion. A single perfume should never contain N as well as O. O and P should not be used together. A perfume containing the essence P should contain P in such a proportion that the total amount of P present should be greater than the total amount of the other essence or essences used. Adding more amount of essence N will make which of the following perfumes agreeable? 	A. One part L, one part N, five part P B. Two parts M, two parts N, two parts P C. One part M, one part N, one part P D. Two parts M, one part N, four parts P E. Two parts N, one part O, three parts P
18	Conversion of oil into ghee	A. Crystallisation B. Hydrogenation C. Oxidation D. None of these
19	Number Series Test 1/2, 1/4, 1/6,	A. 1/18 B. 1/10 C. 1/12 D. 1/8
20	Question Image	A. 18 B. 24 C. 12 + 12 √3 D. 18 + 6 √3 E. 24√2