CSS General Abilities Topic 3 Geometry

Sr	Questions	Answers Choice
1	Find the length of the longer diagonal of a parallelogram if the sides are 6 inches and 8 inches and the smaller angle is 60°.	A. 8 B. 11 C. 12 D. 7
2	What is the area of a circle whose radius is the diagonal of a square whose area is 4 ?	A. 2π B. 2π√2 C. 4π D. 8π
3	Question Image	A. 45° B. 60° C. 75° D. 90°
4	Question Image	A. 15 B. 30 C. 45 D. 60
5	Question Image	A. 270° B. 300° C. 360° D. 330°
6	Question Image	A. 20° B. 30° C. 45° D. 45°
7	Question Image	A. 100° B. 80° C. 60° D. 70°
8	If one side of Δ ABC is 5, what is the smallest integer that could be the perimeter of the triangle ?	A. 8 B. 10 C. 11 D. 12
9	Question Image	A. None B. I only C. I and II only D. I and III only
10	Question Image	A. 6 B. 11 C. 22 D. 30
11	Question Image	A. 3 B. 4.5 C. 6 D. 7.5
12	Question Image	A. 1.5 B. 3 C. 2 D. 3.6
13	Question Image	A. 30 B. 36 C. 45 D. 54
14	Question Image	A. 48 B. 60 C. 72 D. 96 E. 108
15	The complement of 30° 20' is	A. 69° 40' B. 59° 40' C. 35° 80'

16	If the measures of the angles of a triangle are in the ratio of 1:2:3, and if the length of the smallest side of the triangle is 10, what is the length of the longest side ?	A. $10\sqrt{2}$ B. $10\sqrt{3}$ C. 15 D. 20
17	Question Image	A. 100 B. 110 C. 120 D. 130
18	Question Image	A. $\angle A + 180$^o B. 180°-$\angle A$ C. 1/2 $\angle BAC$ D. $\angle A + 90$^o
19	Question Image	A. 30° B. 40° C. 50° D. None of these
20	In ΔABC, the measure of the exterior angles at vertices A and B are 145° and 125°, respectively. Which of the following statement about ΔABC above must be true. i. The triangle is a right triangle. ii. The triangle is an isosceles triangle. iii. The triangle is a scalene triangle.	A. None B. I only C. III only D. I and III only