Quantitative Reasoning Geometry Test For NAT

Sr	Questions	Answers Choice
1	Question Image	A. b B. b-180 C. 90-b D. 180-b
2	Question Image	A. a B. 90-a C. 180-a/2 D. 180-a
3	Question Image	A. 780 B. 585 C. 1170 D. 540
4	Question Image	A. 4π B. 18π C. 28π D. 32π
5	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
6	Question Image	A. 30 B. 39 C. 80 D. 78
7	Question Image	A. 40 B. 50 C. 90 D. 130
8	A rectangle is 16 cm long and 10 cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by	A. 169 B. 256 C. 100 D. 9 E. None of the above
9	Question Image	A. 40 B. 50 C. 120 D. 130
10	A 4 cm cube is cut into 1 cm cubes. What is the percentage increase in the surface area after such cutting ?	A. 4% B. 300% C. 75% D. 400%
11	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100
12	Question Image	A. 55 B. 70 C. 110 D. 125
13	Question Image	A. 5 B. 10 C. 110 D. 125
14	Question Image	A. 20 B. 25 C. 40 D. 50
15	If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ?	A. 10 sides B. 8 sides C. 12 sides

		D. 9 sides
16	Question Image	A. 15 B. 30 C. 45 D. 72
17	Question Image	A. 41^O B. 65^O C. 115^O D. 106^O
18	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
19	An angle is 30^{o} more than one-half its complement. Find the angle.	A. 20^o B. 30^o C. 50^o D. 60^o
20	If the area of two circles are in the ratio 169 : 196 then ratio of their radii is	A. 13 : 11 B. 10 : 13 C. 14 : 13 D. 13 : 14