Quantitative Reasoning Geometry Test For NAT

Sr	Questions	Answers Choice
1	Question Image	A. 20 B. 25 C. 40 D. 50
2	Question Image	A. b B. b-180 C. 90-b D. 180-b
3	Question Image	A. 5 B. 10 C. 110 D. 125
4	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
5	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
6	Question Image	A. 55 B. 70 C. 110 D. 125
7	Question Image	A. 780 B. 585 C. 1170 D. 540
8	Question Image	A. 15 B. 30 C. 45 D. 72
9	Question Image	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
10	Question Image	A. 40 B. 50 C. 120 D. 130
11	Question Image	A. 4π B. 18π C. 28π D. 32π
12	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-b
13	Question Image	A. 30 B. 39 C. 80 D. 78
14	Question Image	A. a B. 90-a C. 180-a/2 D. 180-a
15	Question Image	A. b-180 B. b-90 C. 180-a/2

D. 180-a

16	An angle is 30° more than one-half its complement. Find the angle.	A. 20° B. 30° C. 50° D. 60°
17	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
18	Question Image	A. 41° B. 65° C. 115° D. 106°
19	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
20	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%