

## Quantitative Reasoning Geometry Test For NAT

Sr	Questions	Answers Choice
1	An angle is $30^{\rm O}$ more than one-half its complement. Find the angle.	A. 20 <sup>o</sup> B. 30 <sup>o</sup> C. 50 <sup>o</sup> D. 60 <sup>o</sup>
2	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
3	Question Image	A. b B. b-180 C. 90-b D. 180-b
4	Question Image	A. 41 <sup>O</sup> B. 65 <sup>O</sup> C. 115 <sup>O</sup> D. 106 <sup>O</sup>
5	Question Image	A. 40 B. 50 C. 120 D. 130
6	Question Image	A. 30 B. 39 C. 80 D. 78
7	Question Image	A. 40 B. 50 C. 90 D. 130
8	Question Image	A. 24 B. 12√2 C. 16√2 D. 48
9	Question Image	A. 4π B. 18π C. 28π D. 32π
10	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
11	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
12	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
13	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-b
14	Question Image	A. 55  B. 70 C. 110 D. 125
15	Question Image	A. 20 B. 25 C. 40 D. 50

16	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	B. 256 C. 100 D. 9 E. None of the above
17	Question Image	A. 780 B. 585 C. 1170 D. 540
8	Question Image	A. 5 B. 10 C. 110 D. 125
9	Question Image	A. 15 B. 30 C. 45 D. 72
20	If the redius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%