Quantitative Reasoning Geometry Test For NAT

Sr	Questions	Answers Choice
1	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
2	Question Image	A. 4π B. 18π C. 28π D. 32π
3	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-b
4	Question Image	A. a B. 90-a C. 180-a/2 D. 180-a
5	Question Image	A. 780 B. 585 C. 1170 D. 540
6	Question Image	A. 55 B. 70 C. 110 D. 125
7	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
8	Question Image	A. 40 B. 50 C. 90 D. 130
9	Question Image	A. 40 B. 50 C. 120 D. 130
10	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
11	Question Image	A. 20 B. 25 C. 40 D. 50
12	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
13	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
14	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%
15	Question Image	A. 41^O B. 65^O C. 115^O D. 106^O

16	Question Image	A. 30 B. 39 C. 80 D. 78
17	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
18	Question Image	A. 15 B. 30 C. 45 D. 72
19	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
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%