GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	Question Image	A. 144 B. 169 C. 100 D. 64
2	Question Image	A. 256 B. 64π C. 256π D. 64(4 - π)
3	If C is the circumference of a circular disk in centimeters, and A is the area of the same circular disk in square centimeter. Then C/A = A/C, iff r =	A. 1 B. 2 C. 3 D. 4
4	If C is the circumference of a circle of radius r, then which of the following statement is true ?	A. C/r < 6 B. C/r = 6 C. C/r > 6 D. C/r = π
5	Question Image	A. 4/π B. 1/1 C. 2/3 D. 1/2
6	What is the area of a circle whose radius is the diagonal of square whose area is 9?	A. √3 π B. 12π C. 4π D. 13π
7	If P represents the area and W represents the circumference of the circle, then P in terms of W is:	A. 2π/W B. $4\pi^2$/W C. $2\pi^2$/W^2 D. W^2/4π
8	Question Image	A. 22.9π B. 22.4π C. 60π D. 62.3π
9	Question Image	A. 49 B. 39 C. 59 D. 69
10	Question Image	A. 2.6π B. 5.5π C. 7.6π D. 1/2 π
11	If a square of area 3 is inscribed in a circle, then the area of the circle is:	A. 9/4 π B. $9\pi^2$ C. 3π D. √3 π
12	If a circle is inscribed in a square of area 4, then the area of the circle is:	A. π B. π/2 C. π/4 D. 3π/4
13	If circumference of a circle is 3π, then its area is:	A. 7π/2 B. $9\pi^2$ C. $4\pi^2$ D. 9π/4
14	If the area of a circle is 81π, then its circumference is:	A. 61π B. 20π C. 18π D. 16π
15	Question Image	A. Area of Δ*POR* > Area of Δ*ORS* B. Area of Δ*POR* = Area of Δ*ORS* C. Area of Δ*ORS* >

16	Question Image	A. 4 B. 4.5 C. 6 D. 1.5
17	Question Image	A. $2 + 3\sqrt{2}$ B. 8 C. $4 + 6\sqrt{2}$ D. $3 + 2\sqrt{2}$
18	Question Image	A. 20 B. 24 C. 40 D. 96
19	Question Image	A. 20 B. 40 C. 60 D. 30
20	The length of a rectangle is 3 more than the side of a square, and the width of the rectangle is 3 less than the side of the square. If the area of the square is 58, what is the area of the rectangle ?	A. 40 B. 20 C. 39 D. 49