GAT-A Business and Engineering Quantitative

Sr	Questions	Answers Choice
1	The area of the sector which contains an angle of 60° of circle of radius 7 cm, is:	A. 25 2/3 cm^2 B. 27 2/3 cm^2 C. 41 cm^2 D. √3 5/28 cm^2
2	Question Image	A. π^2(r^2 - R^2) B. πr^2 + πR^2 C. π^2(R + r)(R - r) D. π(R + r)(R - r)
3	Question Image	A. 54 cm^2 B. 24 cm^2 C. 96 cm^2 D. 59 cm^2
4	Question Image	A. 125 sq.cm B. 150.72 sq.cm C. 64 sq.cm D. 56 sq.cm
5	Direction:In the following type of question,each consists of two quantities,one in column A and one in column B.You must compare two quantities and on the answer sheet fill in. A.If the quantity in column A is greater. B.If the quantity in column B is greater. C.If the two quantities are equal. D.If the relationship cannot be determined from the information given. Notes:Sometimes,in certain question,information concerning one or both the quantities to be compared is centered above the two columns.A symbol that in both columns represents the same thing in column A as it does in column B. **Column A** Q1.The product of the odd integers between -8 and 8. **Column B** Q1.The product of the even integers between -9 and 9.	A. A B. B C. C D. D
6	Question Image	A. 33π B. 24π C. 25π D. 11π
7	The height of a triangle of base 3 cm and area 9 cm^2 is:	A. 6 cm B. 9 cm C. 18 cm D. 22 cm
8	Question Image	A. 16 sq.cm B. 15 sq.cm C. 60 sq.cm D. None of these
9	Question Image	A. 125 sq.cm B. 132 sq.cm C. 139 sq.cm D. 97 sq.cm
10	The surface area of sphere of radius 3 1/2 cm is:	A. 130 sq.cm B. 69 sq.com C. 154 sq.cm D. 98 sq.cm
11	Question Image	A. 144 B. 169 C. 100 D. 64
12	Question Image	A. 256 B. 64π C. 256π D.

13	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
14	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
15	Question Image	A. 4/π B. 1/1 C. 2/3 D. 1/2
16	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
17	If P represents the area and W represents the circumference of the circle, then P in terms of W is:	A. 2π/W B. 4π^2/W C. 2π^2/W^2 D. W^2/4π
18	Question Image	A. 22.9π B. 22.4π C. 60π D. 62.3π
19	Question Image	A. 49 B. 39 C. 59 D. 69
20	Question Image	A. 2.6π B. 5.5π C. 7.6π D. 1/2 π
21	If a square of area 3 is inscribed in a circle, then the area of the circle is:	A. 9/4 π B. 9π^2 C. 3π D. √3 π
22	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
23	If circumference of a circle is 3π, then its area is:	A. 7π/2 B. 9π^2 C. 4π^2 D. 9π/4
24	If the area of a circle is 81π, then its circumference is:	A. 61π B. 20π C. 18π D. 16π
25	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* > Area of Δ*POR* D. ΔPOR ≡ Δ*ORS*
26	Question Image	A. 4 B. 4.5 C. 6 D. 1.5
27	Question Image	A. 2 + 3√2 B. 8 C. 4 + 6√2 D. 3 + 2√2
28	Question Image	A. 20 B. 24 C. 40 D. 96
29	Question Image	A. 20 B. 40 C. 60 D. 30

| 30 | 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 |