2008 1 GRE ( )GRE PDF

ORKUT QUANT DATABASE (Till Jan4th) 1. If n is a odd number then n^2-1 is a multiple of a. 8 b. 12..... etc..Ans: a 2. Given x y= 43 and x, y are positive primes. Then Col a: xyCol b: 86Ans:B 3. What is the percentage change of area of rectangle, when length is increased by 10% and width is decreased by 10%?4. Which of the following option has got both mean and median same a) x,x a,x 22 b) x,x/a,x/2a c) 1/x........5. Col a: $(0.4)^{0.5}*(0.4)^{0.4}$ COl b: $(0.4)^{10}$ 6. Given a square with its side X(some value) and another square is incribed in this square, and it is also given that the distance between inner square and outer square is Y(some value). Find the area of inner square?Question is something like this...........7. What is the value 20% of 25% of 678?8. Col a: /-2x 1/Col b: /-2x/ 1/9. If P(A) and P(B) are two independent events then the probability of occuring both the events together is? 10. Given an equation $y^2-2y-3=4$ and the roots of this equation were also given and was asked to find the roots of $(x-2)^2-2(x-2)-3=4$ 11. Given a bag which contains threads of lengths 8m and 14m. If the total length of all threads is 100sq.m. Col A: number of threads of length 8mCol B: number of threads of length 14mAns: D 12. Given... a square inscribed in a circle with its radius r then Find the area of the square?13. Given three points p, q, r as (1,4) (2,c) (4,8) and if the value of c is greater than 4Col a:pq Col b:qr 14. For any positive integer value, which of the following expression is equivalent to

[(x^2 * y) (y^2 * x)] expresion. a. x^2*y^2 b. xy (2x y) c. x^2 y 15. If As speed is 50 km/h and Bs speed is 55 km/h. If A covers a distance x in 5 hours, then how much time will B take to cover the same distance. 16. The average of seven numbers is 35 then when k is added to it then the average of those 8 is 35. What is the value of k? 17. Given a series like this............5-2x, 5-x, 5, 5 x, 5 2x. Col A: standard of the given series Col B: the greatest value in the given series 18. If d lt. b and d gt. 0 Col A: (2x)^0 (2x)^1 / (2x)^2 (2x) Col B: 1/x 24. Given a line equation. Which of the following is a parallel line to the given line Options: ....Question is something like this........Hint: This is an optional based question.. check the 4 options for the same slope as the given line 100Test