Exam #7

Penalty for incorrect answer: 25%

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Answer																				

1. What is P(A union B) if A,B disjoint? *(Val: 0.8955223880597014)*

a   P(A)-P(B)
b   P(A) times P(B)
c   P(A)+P(B)
d   1

2. Algebra Q4: Solve for x... *(Val: 1.1940298507462686)*

a   Answer A (Correct) - Algebra Q4
b   Answer B (Wrong) - Algebra Q4
c   Answer C (Wrong) - Algebra Q4
d   Answer D (Wrong) - Algebra Q4

3. Calculus Q10: Solve for x... *(Val: 1.1940298507462686)*

a   Answer B (Wrong) - Calculus Q10
b   Answer A (Correct) - Calculus Q10
c   Answer D (Wrong) - Calculus Q10
d   Answer C (Wrong) - Calculus Q10

4. What is the complement of P(A)? *(Val: 0.8955223880597014)*

a   1-P(A)
b   1+P(A)
c   1/P(A)
d   P(A)

5. What is tan(0 degrees)? *(Val: 0.5970149253731343)*

a   1
b   0
c   infinity
d   undefined

6. Calculus Q5: Solve for x... *(Val: 1.1940298507462686)*

a   Answer A (Correct) - Calculus Q5
b   Answer B (Wrong) - Calculus Q5
c   Answer C (Wrong) - Calculus Q5
d   Answer D (Wrong) - Calculus Q5

7. Mean of {5,5,5,5}? *(Val: 0.8955223880597014)*

a   10
b   0
c   20
d   5

8. Algebra Q7: Solve for x... *(Val: 1.1940298507462686)*

a   Answer C (Wrong) - Algebra Q7
b   Answer D (Wrong) - Algebra Q7
c   Answer A (Correct) - Algebra Q7
d   Answer B (Wrong) - Algebra Q7

9. Median of {2,4,6,8}? *(Val: 0.8955223880597014)*

a   6
b   7
c   4
d   5

10. Algebra Q8: Solve for x... *(Val: 1.1940298507462686)*

a   Answer A (Correct) - Algebra Q8
b   Answer D (Wrong) - Algebra Q8
c   Answer B (Wrong) - Algebra Q8
d   Answer C (Wrong) - Algebra Q8

11. Calculus Q3: Solve for x... *(Val: 1.1940298507462686)*

a   Answer D (Wrong) - Calculus Q3
b   Answer C (Wrong) - Calculus Q3
c   Answer A (Correct) - Calculus Q3
d   Answer B (Wrong) - Calculus Q3

12. What is sin(30 degrees)? *(Val: 0.5970149253731343)*

a   1/2
b   0
c   sqrt3/2
d   1

13. Algebra Q9: Solve for x... *(Val: 1.1940298507462686)*

a   Answer C (Wrong) - Algebra Q9
b   Answer B (Wrong) - Algebra Q9
c   Answer A (Correct) - Algebra Q9
d   Answer D (Wrong) - Algebra Q9

14. Algebra Q6: Solve for x... *(Val: 1.1940298507462686)*

a   Answer C (Wrong) - Algebra Q6
b   Answer D (Wrong) - Algebra Q6
c   Answer A (Correct) - Algebra Q6

d   Answer B (Wrong) - Algebra Q6

15. Calculus Q4: Solve for x... *(Val: 1.1940298507462686)*

a   Answer B (Wrong) - Calculus Q4
b   Answer C (Wrong) - Calculus Q4
c   Answer D (Wrong) - Calculus Q4
d   Answer A (Correct) - Calculus Q4

16. Sum of angles in a triangle? *(Val: 0.8955223880597014)*

a   270 degrees
b   90 degrees
c   360 degrees
d   180 degrees

17. What is cos(90 degrees)? *(Val: 0.5970149253731343)*

a   0
b   -1
c   1/2
d   1

18. Pythagorean theorem: a squared + b squared = ? *(Val: 0.8955223880597014)*

a   c squared
b   ab
c   2c
d   a+b

19. Calculus Q7: Solve for x... *(Val: 1.1940298507462686)*

a   Answer C (Wrong) - Calculus Q7
b   Answer B (Wrong) - Calculus Q7
c   Answer A (Correct) - Calculus Q7
d   Answer D (Wrong) - Calculus Q7

20. Area of a circle with radius 5? *(Val: 0.8955223880597014)*

a   50 pi
b   10 pi
c   5 pi
d   25 pi