Exam #9 - SOLUTION

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	c	c	c	b	b	d	a	c	c	d	b	b	d	a	c	b	d	d	d	c

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

a   7
b   4
c   **5 [CORRECT]**
d   6

2. Calculus Q8: Solve for x... *(Val: 1.1940298507462686)*

a   Answer C (Wrong) - Calculus Q8
b   Answer D (Wrong) - Calculus Q8
c   **Answer A (Correct) - Calculus Q8 [CORRECT]**
d   Answer B (Wrong) - Calculus Q8

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

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

4. Mode of {2,3,3,4,5}? *(Val: 0.8955223880597014)*

a   2
b   **3 [CORRECT]**
c   5
d   4

5. Sum of angles in a quadrilateral? *(Val: 0.8955223880597014)*

a   540 degrees
b   **360 degrees [CORRECT]**
c   270 degrees
d   180 degrees

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

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

7. Algebra Q5: Solve for x... *(Val: 1.1940298507462686)*

a   **Answer A (Correct) - Algebra Q5 [CORRECT]**

b   Answer C (Wrong) - Algebra Q5

c   Answer D (Wrong) - Algebra Q5

d   Answer B (Wrong) - Algebra Q5

8. Calculus Q6: Solve for x... *(Val: 1.1940298507462686)*

a   Answer D (Wrong) - Calculus Q6

b   Answer B (Wrong) - Calculus Q6

c   **Answer A (Correct) - Calculus Q6 [CORRECT]**

d   Answer C (Wrong) - Calculus Q6

9. Calculus Q2: Solve for x... *(Val: 1.1940298507462686)*

a   Answer B (Wrong) - Calculus Q2

b   Answer D (Wrong) - Calculus Q2

c   **Answer A (Correct) - Calculus Q2 [CORRECT]**

d   Answer C (Wrong) - Calculus Q2

10. Algebra Q2: Solve for x... *(Val: 1.1940298507462686)*

a   Answer B (Wrong) - Algebra Q2

b   Answer C (Wrong) - Algebra Q2

c   Answer D (Wrong) - Algebra Q2

d   **Answer A (Correct) - Algebra Q2 [CORRECT]**

11. Probability of certain event? *(Val: 0.8955223880597014)*

a   0

b   **1 [CORRECT]**

c   0.5

d   infinity

12. How many sides in a hexagon? *(Val: 0.8955223880597014)*

a   7

b   **6 [CORRECT]**

c   5

d   8

13. What is sin(180 degrees)? *(Val: 0.5970149253731343)*

a   -1

b   sqrt2

c   1

d   **0 [CORRECT]**

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

a   **Answer A (Correct) - Calculus Q3 [CORRECT]**

b   Answer D (Wrong) - Calculus Q3

c   Answer B (Wrong) - Calculus Q3

d   Answer C (Wrong) - Calculus Q3

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

a   Answer D (Wrong) - Algebra Q6
b   Answer C (Wrong) - Algebra Q6
c   **Answer A (Correct) - Algebra Q6 [CORRECT]**
d   Answer B (Wrong) - Algebra Q6

16. Algebra Q3: Solve for x... *(Val: 1.1940298507462686)*

a   Answer C (Wrong) - Algebra Q3
b   **Answer A (Correct) - Algebra Q3 [CORRECT]**
c   Answer D (Wrong) - Algebra Q3
d   Answer B (Wrong) - Algebra Q3

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

a   undefined
b   infinity
c   1
d   **0 [CORRECT]**

18. Period of sin(x)? *(Val: 0.5970149253731343)*

a   pi/2
b   pi
c   4 pi
d   **2 pi [CORRECT]**

19. In a normal distribution, mean equals? *(Val: 0.8955223880597014)*

a   Both
b   Neither
c   Mode
d   **Median [CORRECT]**

20. Surface area of cube side 2? *(Val: 0.8955223880597014)*

a   8
b   16
c   **24 [CORRECT]**
d   12