

## Exam #9

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

- a 7
- b 4
- c 5
- 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
- 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
- d Answer C (Wrong) - Algebra Q9

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

- a 2
- b 3
- c 5
- d 4

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

- a 540 degrees
- b 360 degrees
- 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

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

- a Answer A (Correct) - Algebra Q5
- 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
- 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
- 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

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

- a 0
- b 1
- c 0.5
- d infinity

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

- a 7
- b 6
- c 5
- d 8

**13.** What is  $\sin(180 \text{ degrees})$ ? (*Val: 0.5970149253731343*)

- a -1
- b sqrt2
- c 1
- d 0

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

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

**17.** What is  $\tan(0 \text{ degrees})$ ? (*Val: 0.5970149253731343*)

- a      undefined
- b      infinity
- c      1
- d      0

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

- a       $\pi/2$
- b       $\pi$
- c       $4\pi$
- d       $2\pi$

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

- a      Both
- b      Neither
- c      Mode
- d      Median

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

- a      8
- b      16
- c      24
- d      12