	Name:	 Dat e	:	
U	Exam	 Inst	ruct or:	

Instructions:

Please fill in your answers entirely, and erase changes completely!

## Cal Poly Username:

	T F	T F	T F
	A B C D E	A B C D E	A B C D E
$\mathbf{A} \ \overline{\bigcirc} \ $	01. ● ○ ○ ○ ○	37. 0 0 0 0 0	73. 0 0 0 0 0
$\mathbf{B} \bigcirc \bigcirc$	02. 0 • 0 0 0	38. 0 0 0 0 0	74. 0 0 0 0 0
$\mathbf{c} \circ \circ \circ \circ \circ \circ \circ \circ \circ$	03. ○ ○ • • ○	39. 0 0 0 0 0	75. 0 0 0 0 0
$\mathbf{D} \bigcirc \bigcirc$	04. 0 0 0 0 •	40.00000	76. 0 0 0 0 0
$E \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \bigcirc$	05. 0 0 0 0 •	41.00000	77. 0 0 0 0 0
$F \circ \circ$	06. ○ ○ ● ● ○	42. 0 0 0 0 0	78. 0 0 0 0 0
$G \circ \circ \circ \circ \circ \circ \circ \circ \circ$	07. ○ ● ○ ○ ○	43. 0 0 0 0 0	79. 0 0 0 0 0
$H \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \bigcirc$	08. • • • • •	44.00000	80. 0 0 0 0 0
$I \hspace{0.1cm} \bigcirc 0.1cm$	09. ● ● ○ ○ ○	45. 0 0 0 0 0	81. 0 0 0 0 0
$1 \circ \circ \circ \circ \circ \circ \circ \circ \circ$	10. ○ • • ○ ○	46. 0 0 0 0 0	82. 0 0 0 0 0
$K \circ \circ \circ \circ \circ \circ \circ \circ \circ$	11. ○ ○ • • ○	47. 0 0 0 0 0	83. 0 0 0 0 0
$\texttt{L}   \bigcirc     \bigcirc    \bigcirc    \bigcirc     \bigcirc      \bigcirc      \bigcirc                    $	12. 0 0 0 • •	48. 0 0 0 0 0	84. 0 0 0 0 0
$M \bigcirc \bigcirc$	13. 0 0 0 • •	49. 0 0 0 0 0	85. 0 0 0 0 0
$N \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \bigcirc$	14. 0 0 • • 0	50. 0 0 0 0	86. 0 0 0 0 0
$\mathbf{o} \circ \circ \circ \circ \circ \circ \circ \circ$	15. ○ • • ○ ○	51. 0 0 0 0 0	87. 0 0 0 0 0
$\mathbf{P} \ \bigcirc \ $	16. ● ● ○ ○ ○	52. 0 0 0 0 0	88. 0 0 0 0 0
$Q \circ \circ \circ \circ \circ \circ \circ \circ \circ$	17. • • • • •	53. 0 0 0 0 0	89. 0 0 0 0 0
$R \bigcirc \bigcirc$	18. • • • • •	54. 0 0 0 0 0	90. 0 0 0 0
$s \circ \circ \circ \circ \circ \circ \circ \circ \circ$	19. 0 • 0 0 0	55. 0 0 0 0 0	91. 0 0 0 0 0
$T \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \bigcirc$	20. 0 • 0 0 0	56. 0 0 0 0 0	92. 0 0 0 0 0
$U \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \bigcirc$	21. 0 0 • 0 0	57. 0 0 0 0 0	93. 0 0 0 0 0
$\mathbf{v} \circ \circ \circ \circ \circ \circ \circ \circ$	22. 0 0 • 0 0	58. 0 0 0 0 0	94. 0 0 0 0 0
$\mathbf{w} \circ \circ \circ \circ \circ \circ \circ \circ$	23. 0 0 0 • 0	59. 0 0 0 0 0	95. 0 0 0 0 0
$\mathbf{X} \circ \circ \circ \circ \circ \circ \circ \circ \circ$	24. 0 0 0 • 0	60. 0 0 0 0	96. 0 0 0 0
$Y \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$	25. 0 0 0 0 •	61. 0 0 0 0 0	97. 0 0 0 0 0
$\mathbf{z} \circ \circ \circ \circ \circ \circ \circ \circ$	26. ○ ○ ○ ○ ●	62. 0 0 0 0 0	98. 0 0 0 0 0
0 0 0 0 0 0 0 0 0	27. 0 0 0 • 0	63. 0 0 0 0 0	99. 0 0 0 0
1 0 0 0 0 0 0 0 0	28. 0 0 0 • 0		100. 0 0 0 0 0
2 0 0 0 0 0 0 0 0	29. 0 0 • 0 0	65. 0 0 0 0 0	
3 0 0 0 0 0 0 0 0	30. ○ ○ ● ○ ○	66. 0 0 0 0 0	
4 0 0 0 0 0 0 0 0	31. 0 • 0 0 0	67. 0 0 0 0 0	
5 0 0 0 0 0 0 0 0	<b>32</b> . ○ • ○ ○ ○	68. 0 0 0 0 0	
6 0 0 0 0 0 0 0 0	33. • 0 0 0 0	69. 0 0 0 0	
7 0 0 0 0 0 0 0 0	34. • 0 0 0 0	70. 0 0 0 0 0	
8 0 0 0 0 0 0 0 0	35. • • • •	71. 0 0 0 0 0	
9 0 0 0 0 0 0 0 0	36. 0 0 0 0 0	72. 0 0 0 0 0	

	Name:	 Dat e:	
U	Exam	 Instructor:	

Instructions:

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## Cal Poly Username:

	T F	T F	T F
	A B C D E	A B C D E	A B C D E
$\mathbf{A} \ \overline{\bigcirc} \ $	01. ● ○ ○ ○ ○	37. 0 0 0 0 0	73. 0 0 0 0 0
$\mathbf{B} \bigcirc \bigcirc$	02.	38. 0 0 0 0 0	74. 0 0 0 0 0
$\mathbf{c} \circ \circ \circ \circ \circ \circ \circ \circ \circ$	03. ○ ○ • • ○	39. 0 0 0 0 0	75. 0 0 0 0 0
$\mathbf{D} \bigcirc \bigcirc$	04. 0 0 0 0 •	40.00000	76. 0 0 0 0 0
$E  \bigcirc  \bigcirc  \bigcirc  \bigcirc  \bigcirc  \bigcirc  \bigcirc  \bigcirc  \bigcirc  $	05. 0 0 0 0 •	41.00000	77.00000
$F  \circ  \circ  \circ  \circ  \circ  \circ  \circ  \circ  \circ  $	06. ○ ○ ● ● ○	42. 0 0 0 0 0	78. 0 0 0 0 0
$G \circ \circ \circ \circ \circ \circ \circ \circ \circ$	07. ○ ● ○ ○ ○	43. 0 0 0 0 0	79. 0 0 0 0 0
$H \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \bigcirc$	08. ● ○ ○ ○ ○	44.00000	80. 0 0 0 0 0
$I \hspace{.1cm} \bigcirc \hspace{.1cm} \hspace{.1cm} \bigcirc \hspace{.1cm} \bigcirc \hspace{.1cm} \bigcirc \hspace{.1cm} \bigcirc \hspace{.1cm} \bigcirc \hspace{.1cm} \hspace{.1cm} \hspace{.1cm} \bigcirc \hspace{.1cm} .1cm$	09. ● ● ○ ○ ○	45. 0 0 0 0 0	81. 0 0 0 0 0
$1 \hspace{.1cm} \circ $	10. • • • •	46. 0 0 0 0 0	82. 0 0 0 0 0
$K \bigcirc \bigcirc$	11. 0 0 • • 0	47. 0 0 0 0 0	83. 0 0 0 0 0
$L \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \bigcirc$	12. 0 0 0 • •	48. 0 0 0 0 0	84. 0 0 0 0 0
$M  \circ  \circ  \circ  \circ  \circ  \circ  \circ  \circ  \circ  $	13. 0 0 0 • •	49. 0 0 0 0 0	85. 0 0 0 0 0
$N \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$	14. 0 0 • • 0	50. 0 0 0 0	86. 0 0 0 0 0
$\mathbf{o} \circ \circ \circ \circ \circ \circ \circ \circ$	15. 0 • • 0 0	51. 0 0 0 0 0	87. 0 0 0 0 0
$P \circ \bullet \circ \circ \circ \circ \circ \circ$	16. ● ● ○ ○ ○	52. 0 0 0 0 0	88. 0 0 0 0 0
$Q \circ \circ \circ \circ \circ \circ \circ \circ \circ$	17. • 0 0 0 0	53. 0 0 0 0 0	89. 0 0 0 0
$R \circ \circ$	18. • 0 0 0 0	54. 0 0 0 0 0	90.00000
$\mathbf{s}$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$ $\circ$	19. 0 • 0 0 0	55. 0 0 0 0 0	91. 0 0 0 0 0
$T \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \mathrel{\bigcirc} \bigcirc$	20. 0 • 0 0 0	56. 0 0 0 0 0	92. 0 0 0 0
U O O O O O O O	21. 0 0 • 0 0	57. 0 0 0 0 0	93. 0 0 0 0 0
V O O O O O O O	22. 0 0 • 0 0	58. 0 0 0 0 0	94. 0 0 0 0 0
W 0 0 0 0 0 0 0 0	23. 0 0 0 0 0	59. 0 0 0 0 0	95. 0 0 0 0 0
$\mathbf{X} \circ \circ$	24. 0 0 0 0 0	60. 0 0 0 0 0	96. 0 0 0 0 0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	25. O O O O •	61. O O O O O O O	97. O O O O O O 98. O O O O
	27. 0 0 0 0 0	63. 0 0 0 0 0	99. 0 0 0 0 0
	28. 0 0 0 • 0		
1 0 0 0 0 0 • 0 0 2 0 0 0 0 0 0 0	29. 0 0 0 0 0	65. 0 0 0 0 0	100. 0 0 0 0
3 0 0 0 0 0 0 0 0	30. • • • • •	66. 0 0 0 0	
4 0 0 0 0 0 0 0 0	31. • 0 0 0 0	67. 0 0 0 0 0	
5 0 0 0 0 0 0 0	32. • 0 0 0 0	68. 0 0 0 0 0	
6 0 0 0 0 0 0 0	33. • • • • • •	69. 0 0 0 0	
7 0 0 0 0 0 0 0	34. • 0 0 0 0	70.00000	
8 0 0 0 0 0 0 0	35. • • • • •	71. 0 0 0 0 0	
9 0 0 0 0 0 0 0 0	36. 0 0 0 0 0	72. 0 0 0 0 0	