	1. Array 2. Array[3] 3. &Array[3] 4. *(&Array[3]) 5. int Array[10]; 6. int x; 7. int* px; 8. &x 9. *px 10. x Illustration 1: Object Declarations and References	 8. Illustration 1: Which line gives the contents of the address of the fourth element of an array? A. 2 B. 3 C. 4 D. 1 9. Illustration 1: Which line gives the address of an integer? A. 7 B. 10 C. 8 D. 9 10. Which line dereferences (gives the contents) of an address given by an integer pointer? A. 6
1.	Illustration 1: Which line declares an array? A. 1 B. 2 C. 4	B. 10 C. 9 D. 8
2.	 D. 5 Illustration 1: Which line declares an integer? A. 7 B. 5 C. 6 D. 10 	 int cherry[10]; foo(x); foo(&x); foo(cherry[3]); foo(cherry, 3); foo(&cherry[3]);
3.	Illustration 1: Which line declares an integer pointer? A. 8 B. 9 C. 7 D. 10	Illustration 2: Function calls – Ch 5.4 11. Illustration 2: Which line declares an integer? A. 1 B. 2
4.	Illustration 1: Which line gives the value of the fourth element of an array? A. 2 B. 3 C. 1	 C. 3 D. 6 12. Illustration 2: Which line declares an array with 10 elements? A. 3 B. 5
5.	D. 5 Illustration 1: Which line gives the address of the third subscripted value of an array? A. 8 B. 3 C. 2 D. 4	 C. 2 D. 7 13. Illustration 2: Which line calls foo with a copy of an integer? A. 4 B. 6 C. 7
6.	Illustration 1: Which line specifies the value of an integer? A. 8 B. 10 C. 7 D. 1	 D. 3 14. Illustration 2: Which line calls foo with the address of an integer? A. 4 B. 3 C. 6
7.	Illustration 1: Which line gives the pointer to the first element of an array? A. 1 B. 5 C. 7 D. 9	 D. 7 15. Illustration 2: Which line calls foo with the address of the first element of an array? A. 4 B. 5 C. 6 D. 7

16. Illustration 2: Which line calls foo with the value of an element of an array? A. 4 B. 5 C. 6 D. 7 17. Illustration 2: Which line calls foo with the address of an element of an array which is not the first element? A. 6 B. 7 C. 5 D. 4 1. int foo(int boot[5]); 2. int foo(int* boot); 3. int foo(int boot[]); 4. int foo (int x); 5. int foo(int irre[3][5]); Illustration 3: Function prototypes – Ch 5.6 18. Illustration 3: What makes the lines a function prototype? A. int B. foo C. parenthesis D. semicolon 19. Illustration 3: Which line declares a single dimension integer array with an unnecessary dimension value? A. 3 B. 6 C. 1 D. 5	24. Illustration 3: Does line 2 declare an integer pointer? A. yes B. '*' C. int D. no 25. Illustration 3: Does line 3 declare an integer pointer? A. yes B. [] C. no D. int 26. Illustration 3: Can the integer pointer from line 2 be used with subscripts? A. No B. boot C. yes D. only outside function 27. Illustration 3: Can the integer pointer from line 3 be used with subscripts? A. Yes B. {} C. boot D. no 28. Illustration 3: Which line above declares an integer value? A. 4 B. 5 C. 1 D. 6 29. Illustration 3: Could line 5 be used to declare an array? A. no B. yes C. with []
C. 1	B. yes C. with [] D. int
array? A. 6 B. 1 C. 3	30. Illustration 3: Could line 5 be used to declare the pointer to a single integer value? A. no B. as an array
 D. 5 21. Illustration 3: Which line declares an integer array without including dimension information? A. 1 B. 5 	C. () D. yes 31. Illustration 3: Which line is most useful to declare a reference to (the pointer to) a specific element of an integer array (such as &donut[4])?
C. 3D. 622. Illustration 3: Which line declares that the function is receiving a copy of a value?	A. 1 B. 3 C. 5 D. 2 32. Illustration 3: Which line is most useful to declare the
A. 1 B. 4 C. 2 D. 5	value of a specific element of an integer array (such as donut[4]) ? A. 1
 23. Illustration 3: Does line 1 declare an integer pointer? A. no B. yes C. 5 D. '*' 	B. 6 C. 4 D. 3

- 1. int foo(tube[]) 2. int foo(int x) 3. int foo(int* px) 4. int foo(int* tube, size) Illustration 4: Function definitions Ch 5.5
- 33. Illustration 4: Which function definition lines can be called with the name of an array?
 - A. 1,3,4
 - B. 1,3
 - C. 3,4
 - D. 4
- 34. Illustration 4: Which function definition lines can be called with a copy of the original value?
 - A. 1
 - B. 4
 - C. 3
 - D. 2
- 35. Illustration 4: Which function definition can be called with an array value (like foo(array[3]);)?
 - A. 2
 - B. 1
 - C. 4
 - D. 3
- 36. Illustration 4: Which function definition can include the dimension property of an array?
 - A. 1
 - B. 3
 - C. 4
 - D. 2
- 37. Illustration 4: Which function definition can be called with the address of an integer value?
 - A. 3
 - B. 2
 - C. 4
 - D. 1
 - 1. int boot [10];
 - 2. int x;
 - 3. y = foo(x);
 - 4. y = foo(boot[5]);
 - 5. y = foo(&x);
 - 6. y = foo(boot);
 - 7. y = foo(boot, 10);

Illustration 5: Function calls - Ch 7.4

- 38. Illustration 5: Which line calls a function with the name of an array?
 - A. 6
 - B. 2
 - C. 4
 - D. 3

- 39. Illustration 5: Which line calls a function with a pointer to an array?
 - A. 6
 - B. 2
 - C. 4
 - D. 5
- 40. Illustration 5: Which line calls a function with dimension property of an array passed as an integer?
 - A. 7
 - B. 6
 - C. 4
 - D. 1
- 41. Illustration 5: Which line calls a function with a copy of an array element?
 - A. 1
 - B. 3
 - C. 4
 - D. 6
- 42. Illustration 5: Which line calls a function with the address of an integer?
 - A. 5
 - B. 6
 - C. 3
 - D. 7
- 43. Illustration 5: Which line calls a function with the copy of an integer value?
 - A. 2
 - B. 6
 - C. 4
 - D. 3
- 44. String is a data type in C?
 - A. true
 - B. false
 - C. only as class
 - D. instances
- 45. Strings are letters placed in character arrays ending with a null character
 - A. integers
 - B. classes
 - C. false
 - D. true
- 46. Illustration 6: Which line declares a string (char array) with maximum 80 characters, initialized to a string?
 - A. 1
 - B. 2
 - C. 4
 - D. 6
- 47. Illustration 6: Which line just creates an array useful for 80 characters?
 - A. 4
 - B. 6
 - C. 5
 - D. 1

- 1.char sta[80];
 2.char text[80]="This is the value";
 3.char* ptext="Sample string";
 4.char output[120];
 5.puts(text);
 6.printf("%s",text);

 Illustration 6: Ch 8
- 48. Consider Illustration 6 which line outputs string array **'text'** with a new line included?
 - A. 2
 - B. 5
 - C. 4
 - D. 6
- 49. Consider Illustration 6 line 5, what does the calling argument supply to the function?
 - A. int
 - B. value
 - C. pointer
 - D. 80
- 50. Consider Illustration 6 which line uses the string format specifier?
 - A. 3
 - B. 6
 - C. 5
 - D. 1
- 51. Consider Illustration 6 line 6, what does the second calling argument supply to the function?
 - A. int
 - B. value
 - C. pointer
 - D. 80
- 52. Consider Illustration 6 line 6, what does the first calling argument supply to the function?
 - A. Int
 - B. value
 - C. pointer
 - D. 80
- 53. Consider Illustration 6 Which line creates a string of letters and stores them in array 'text'?
 - A. 2
 - B. 1
 - C. 3
 - D. 5
- 54. Consider Illustration 6 line 3 creates a string constant and stores what in ptext?
 - A. value
 - B. text
 - C. pointer
 - D. 80

- 55. Illustration 6: Which string library function can move 'text' to 'output'?
 - A. strcmp
 - B. strlen
 - C. strcat
 - D. strcpy
- 56. Illustration 6: Which string library function can add 'ptext' to 'output'?
 - A. strcat
 - B. strcpy
 - C. strlen
 - D. stremp
- 57. Illustration 6: Which string library function can add "this is more text" to **'output'**?
 - A. strcmp
 - B. strcpy
 - C. strcat
 - D. strlen
- 58. Illustration 6: Which string library function can tell how many characters are in **'text'**?
 - A. strcpy
 - B. strlen
 - C. strcat
 - D. stremp
- 59. Illustration 6: Which string library function can tell if 'text' contains "This is the value"
 - A. strlen
 - B. strcpy
 - C. stremp
 - D. strcat
- 60. Illustration 6: Which string contains 14 characters?
 - A. 1
 - B. 2
 - C. 3
 - D. 4