SASKATCHEWAN COMPUTER SCIENCE 20 · UNIT B · 25 QUESTIONS

Functions and Arrays — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A named block of code that performs a task and can be reused is called**

- A function
- B return value
- C array
- D index

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2 **The first index of an array is**

- A 1
- B 0
- C the length
- D the last value

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3 **An array holds the values [10, 13, 16, 19, 22, 25]. The value at index 2 is _____**

ANSWER _____

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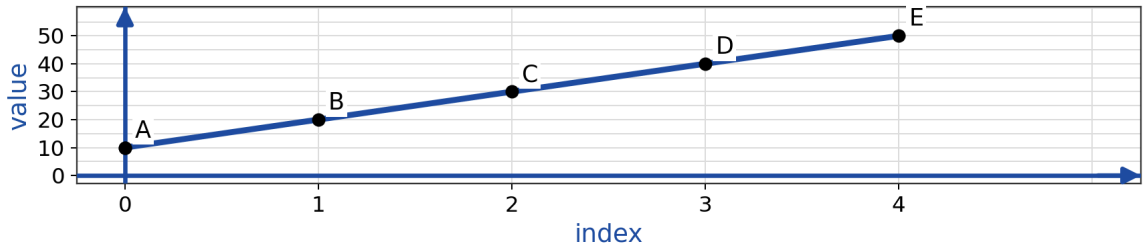
4 **The graph shows array values by index. The value at index 2 is _____**



ANSWER _____

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5 **A value passed into a function is called**

A array

B index

C parameter

D element

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6 **A function is useful mainly because it**

A makes code run slower

B removes all variables

C stores data on disk

D lets code be reused

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7 **An array holds the values [10, 13, 16, 19, 22]. The value at index 0 is _____**

ANSWER

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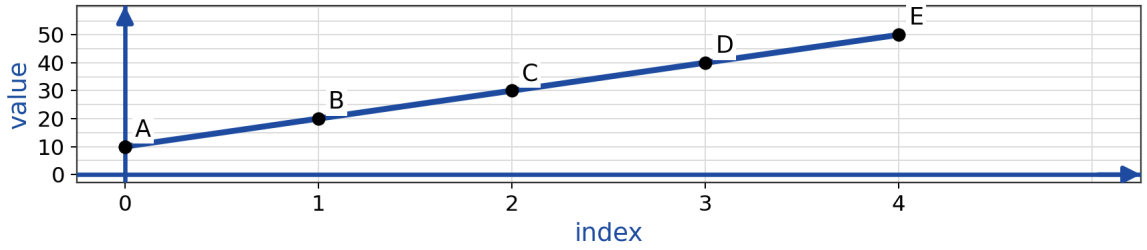
8 **The graph shows values increasing with index. The pattern is**



- **A** increasing by 10 each index
- **B** decreasing by 10
- **C** staying the same
- **D** doubling each index

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9 **A value sent back by a function to its caller is called**

- **A** index
- **B** return value
- **C** element
- **D** scope

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10 **A parameter is**

- A a value returned only
- B an array length
- C a value passed into a function
- D a file name only

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11 **An array holds the values [10, 13, 16, 19, 22, 25, 28]. The value at index 4 is ____**

ANSWER _____

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12 **An ordered collection of values stored under one name is called**

- A element
- B scope
- C modularity
- D array

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13 **If an array has 5 elements, its valid indexes are**

- A 0 to 4
- B 1 to 5
- C 0 to 5
- D 1 to 4

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14 **A function that returns the larger of two numbers is called with 7 and 3. The value returned is**

ANSWER _____

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15 **The position of a value in an array, starting at zero is called**

A scope

B index

C modularity

D library

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16 **Modularity helps a program by**

A making it longer

B removing functions

C making parts easier to test and reuse

D hiding all errors

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17 **A function with no return value is best described as a**

A procedure

B variable

C array

D constant

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18 **One value stored in an array is called**

A modularity

B library

C call

D element

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19 **A return value is**

A sent back to the caller

B printed always

C stored on disk

D ignored by code

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20 **The values passed to a function when it is called are called**

- A parameters or arguments
- B local variables only
- C return values
- D global constants

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21 **The part of a program where a variable can be used is called**

- A library
- B scope
- C call
- D function

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22 **A variable is declared inside a function. A second function tries to use that variable. What happens?**

- A It works anywhere
- B It fails, the variable is local to the first function
- C It works in every function
- D It works only before the first function runs

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23 **Breaking a program into smaller reusable parts is called**

- A call
- B function
- C modularity
- D parameter

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24 **A program calls a function to calculate an area three times with different inputs. The main advantage of using the function is that the code is**

- A written once and reused
- B run slower
- C harder to read
- D longer

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25 **A collection of ready made functions for use in programs is called**

- A function
- B parameter
- C return value
- D library

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ANSWER KEY

1. A
2. B
3. 16
4. 30
5. C
6. D
7. 10
8. A
9. B
10. C
11. 22
12. D
13. A
14. 7
15. B
16. C
17. A
18. D
19. A
20. A
21. B
22. B
23. C
24. A
25. D

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