Quiz

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| 1. | A reference declaration creates: | |
|  | A. | a new variable |
|  | B. | an alias to an existing variable |
|  | C. | a pointer |
|  | D. | an address |

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| 2. | A generic pointer is declared as: | |
|  | A. | char\* |
|  | B. | void\* |
|  | C. | word\* |
|  | D. | none of these |

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| 3. | The void \* p pointer | |
|  | A. | can be dereferenced |
|  | B. | can be added to |
|  | C. | can be compared to 0 |
|  | D. | is virtual |

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| 4. | After the declaration const int N = 5 is made, which of the following is illegal? | |
|  | A. | cout << N |
|  | B. | if (N == i + 3) |
|  | C. | cin >> N |
|  | D. | none of these |

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| 5. | The expression p = new int[20]: | |
|  | A. | allocates 20 integers and assigns the base address to p |
|  | B. | allocates 20 integers off the stack local to a block |
|  | C. | reads in 20 integer values from cin |
|  | D. | allocates an integer of size 20 bytes |

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| 6. | After the statement  p = new char[n];  the expression  assert(p);  tests: | |
|  | A. | that p is not zero and allocation is successful |
|  | B. | that p is 1 |
|  | C. | that p is an char-valued pointer |
|  | D. | none of these |

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| 7. | Which form of the operator delete would you use to deallocate free store memory allocated by this statement:  student\_list = new students[size] | |
|  | A. | delete []student\_list |
|  | B. | delete student\_list |
|  | C. | delete []students |
|  | D. | delete students[size] |

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| 8. | Which one of the following statements about using const is false? | |
|  | A. | A const variable cannot be used on the left side of an assignment. |
|  | B. | When used alone in a declaration, the base type of a const variable is implicitly int. |
|  | C. | You cannot declare a constant pointer whose pointed-at value is constant. |
|  | D. | A const value must be initialized when it is declared. |

The above answers are correct but at the time of taking quiz my score was as follows:

