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| **Question 1: Multiple Choice(10 Marks)**  **1. Which of the following in correct regarding constructor?**  **[A] class name and constructor name is same**  **[B] constructor does not return value**  **[C] constructor has return type**  **[D] Both A and B are correct.**  **[E] All are correct.**  **2. Which of the following is return type?**  **A] void [B]  int [C] double [D] Both B and C are correct. [E]  A,B and C are correct.**  **3. Which of the following is a properly defined structure? [A] struct {int a;} [B] struct a\_struct {int a;}; [C] struct a\_struct int a; [D] struct a\_struct {int a;};}**    **4. What is the output of the following code?**  **#include <iostream>**  **using namespace std;**  **int main()**  **{**  **int num[]={12,23,45,56,78};**  **cout<<num[3]+num[4];**  **return 0;**  **}**  **[A] 35 [B] 134 [C] 68 [D] 101**  **5. Which of the following correctly declares an array? [A] int array[10]; [B] int array; [C] array{10}; [D] array array[10];**  **6. What does your class can hold?**  **[A] data [B]  functions [C]  both a & b**  **[D]  none of the mentioned**  **7. Which is used to define the member of a class externally?**  **[A] : [B] :: [C]  # [D] none of the mentioned**  **Question 3: (5 Marks)**  **Write the c++ program to input a four input using arrays and check if the value of each input is greater than 60. If it is greater than passed else failed ?**  **Output :**  **45 60 100 55**  **The student in position 0 is failed**  **The student in position 1 is passed**  **The student in position 2 is Passed**  **The student in position 3 is failed**    **Question 4: (10 Marks)**  **Write a c++ program to create a class Student with student id, studentname, grade as attributes and create constructor, constructor with parameters and display method.** | **8. Which of the following is a valid class declaration?**  **[A] class A { int x; };**  **[B] class B { }**  **[C] public class A { }**  **[D] object A { int x; };**  **9. What is the output of this program?**  **#include**  **using** **namespace std;**  **int** **main()**  **{**  **int** **a;**  **a = 5 + 3 \* 5;**  **cout <<** **a;**  **return** **0;**  **}**  **[A] 35**  **[B] 20**  **[C] 25**  **[D] 30**  **10. What is the index number of the last element of an array with 9 elements? a) 9 b) 8 c) 0 d) Programmer-defined**  **Question :2 (10 Marks)**  **Question: 2(a) (2 Marks)**  Create an integer array “Nums” of size 5.  **Question: 2(b) (3 Marks)**  Put the values 5, 1, 3, 7, 9 in the array “Nums”.  **Question: 2(c) (5 Marks)**  Find the sum of all the numbers in “Nums” using a for loop. The loop should print 25. |