



- (d) How many times a do-while loop guaranteed to execute ? 2  
 (i) One (ii) Zero  
 (iii) Two (iv) None of above
- (e) Array is a collection of : 2  
 (i) Same data elements  
 (ii) Hetrogenious data  
 (iii) Both (i) and (ii)  
 (iv) None.
- (f) How many elements will be there in array A [10] [5] ? 2  
 (i) 50 (ii) 36  
 (iii) 55 (iv) None of above
- (g) CAM stands for : 2  
 (i) Computer Aided Manufacturing  
 (ii) Computer Aided Machine  
 (iii) Computer Application Machine  
 (iv) Computer Aided Maintenance
2. (a) Write a C program to find largest number among three numbers. 7  
 (b) Write a program count number of records in a file. 7
3. (a) Why there is a need to store information and access the information ? Expalin by giving a suitable example. 7

- (b) Write a C program to generate the following result using loop. 7
- 1  
2 3  
4 5 6  
7 8 9 10
4. (a) Write a C program to check whether a number is even or odd using conditional operator. 4
- (b) Write a C program to find out the multiplication of two matrix. 10
5. (a) Differentiate the while and do-while loop by giving a suitable example. 7
- (b) Write a C program to simulate the basic operations of a calculator. 7
6. (a) What is primary key in database ? Why it is required ? 7
- (b) What is the importance of C in electrical engineering ? Explain. 7
7. (a) Write a C program to calculate the addition of all elements of a vector. 7
- (b) Write a C program to generate the fibbonacci series. 7

8. Write short notes of *any four* :

3.5x4=14

- (a) Data Vs information.
  - (b) File opening modes.
  - (c) Database Management System
  - (d) Ternary Operator
  - (e) CAD
  - (f) Switch( ) statement
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