C++ assignments Question

1. Write a C++ program to find the largest element of a given 1-D array of integers.?
2. Write a C++ program to separate even and odd numbers of an array of  
   integers. Put all even numbers first, and then odd numbers.?
3. write a C++ program to searching in 1 D-array?
4. Write a program to print count of prime number in 1-D array?
5. Write a program to prints sum of digits in 1-D array?
6. Write a program to sort array elements in descending order?
7. Write a program to prints reverse number in 1-D array?
8. Write a program to prints perfect number in 1-D array?
9. Write a program to prints sum of array elements in 1-D array?
10. What is an object? Explain how objects in 8 C++ are created and destroyed, with the help of program to create Bank-Account Class, having data member’s name, account number, balance and member function display balance.
11. What is access control specifies? Explain 5 the need of different access control specifies with example.
12. Write a C++ program to create a class Book, to keep the records of books available in your library. This program should have proper constructor and member functions, to get the details such as publisher, author and price etc. of the books. Make necessary assumptions where ever required.
13. What is function overloading? Explain its advantage with the help of an example.
14. What is constructor? Explain advantage 5 of constructor with the help of an example.
15. What is static member? Explain use of static 10 data member and static member function with the help of an example program in C++.
16. Describe the concept of classes and objects through examples.
17. Write a C++ program to print Student details: Student Name, Father's Name, Mother's Name, Student Address, Zip code, Student Roll No. using constructor and destructor.
18. w hat is an object in C++ ? Explain how an object can be passed as an argument to a function with the help of an example.
19. Differentiate between default constructor and parameterized constructor with the help of an example.
20. Ex. Of declaring inline function within class.