# OOPS LAB QUESTIONS

1. Write a cpp program to create a data store for books. The data members will be book Id, book name, book author, isbn, publish date. Accept and print the data in a well formatted manner.
2. Create a class mobile phone accept data for n numbers of mobiles and display the same in the well formatted manner.
3. Create a class Event accept the event detail and print the event ticket for the participant. Also enter some pre-defined data like name of college, branch, date etc.
4. Write a program with necessary member functions and data member to prove that a default constructor gets executed even though no explicit constructor is declared.
5. Write a program to enter 10 words and a string of three long sentences, implement a function to calculate the number of words present in the given string and remaining words, use a member function to display matched word with frequency of occurrences of remaining words in the string.
6. Using array of object implement the above program for multiple strings.
7. Create a class mark which contains the marks of five students use constructor as necessary.
8. Write a program to illustrate working of object, constructor and class.
9. Write a program with necessary data members and member functions to prove that a default constructor is called every time when object is created.
10. Write a cpp program to demonstrate the use of an inline function in a class . A class will collect **the details of a student and display.**
11. Create a class credit card to collect the following data .

Issuer\_bank, card-holder name, expiry\_from and expiry\_to, card\_number, cvv, card type, credit limit and credit score.

Implement the following concepts constructor, default constructor, member function, inline functions, destructor and polymorphism.

Issue a new card to a new person based on the credit score and overall income.

Assign the credit limit based on the given table.