



LALA LAJPATRAI COLLEGE OF COMMERCE & ECONOMICS

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Date : 11/10/2023

NOTICE

SENIOR COLLEGE

S.Y.BCOM SEMESTER III A.T.K.T.

COMPUTER PROGRAMMING I

PRACTICAL EXAM OCT. 2023

The Students who have failed or remained absent in semester III Computer Programming I Practical Examination are hereby informed that their semester III A.T.K.T practical Examination will be conducted offline.

The journal should be hand written in A4 size paper and submitted on 23/10/2023 at 10.00 a.m. in computer lab.

Topics to be entered in the journal

- 1) **One exercise on Algorithms**
- 2) **One exercise on Flowcharts**
- 3) **Five exercises on C Programming Language**

Following are the EXERCISES to be solved as a part of a journal

- i) Write an Algorithm to input any three numbers and calculate the total .
- ii) Draw a Flowchart for the following exercise : Input the sales amount . Calculate and display the sales amount, discount and net amount where discount is 3% on the sales amount upto 20000 and 5% otherwise.

P.T.O.



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iii) What is the output of the following C program?

```
main()
{ int a=10,b=5,c,d;
a+=b*3;
b*=7;
c=b%a;
d=++c+2*b;
printf("\n%d %d %d %d",a,b,c,d); }
```

iv) Write a program in C to input the basic pay (basic) . Calculate and display basic, da, hra , gross_pay and net_pay where da is 60% of basic, hra is 25% of basic and tax is 20% of gross_pay. (Formulae to be used : gross_pay=basic+da+hra and net_pay=gross_pay – tax)

v) Write a program in C to input an integer and display whether it is divisible by 9 or not.

vi) Write a program in C to input an alphabet and to display whether it is a vowel or a consonant.

vii) Write a program in C using for() loop to display all integers from 1 to 50 which are divisible by 4.


PRINCIPAL