LALA LAJPATRAI COLLEGE
OF COMMERCE & ECONOMICS
Accredited 'A' Grade by NAAC

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Ref No. BCOM-24/

Date : 03/02/2022

N O T I C E

SENIOR COLLEGE
S.Y.BCOM SEMESTER III
COMPUTER PROGRAMMING I
A.T.K.T. PRACTICAL EXAMINATION MARCH 2022

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 online.

The students should mail their journal prepared as per the instruction failing which they will not be allowed to appear for the exam. The journal should be hand written and then the same to be mailed in pdf format on lalatycomputer@gmail.com on or before 21/02/2022.

The file name should be in the format of seatno_atkt_sem_III_studentname

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.

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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