

F.Y.BSc.I.T. Sem II A.T.K.T. Internal/Practical Exam (2019-20)

August-2020

Subject : Object Oriented Programming (Internal)

Roll Number - 121 Student Name - PAL SATISH HIRALAL

- 1) What are the advantages of Object Oriented Programming? Explain.
- 2) What is Inheritance? State and explain in short its types.
- 3) What are the rules for writing virtual functions? Explain.
- 4) Distinguish between method overloading and method overriding.
- 5) Write short note on file handling in OOPs.

Subject : Object Oriented Programming (practical)

Roll Number - 156 Student Name - DAYAMA PRAMOD

- 1) Write a program in C++ to accept 10 numbers from the user and arrange them in ascending order.
- 2) Write a program in C++ to create a class employee with data members emp_id, name, dept and salary. Accept the details of an employee from the user and print them on the screen.

Subject : Web Programming (Practical)

Roll Number - 145 Student Name - SINGH RITESH

1. Write a PHP Program to accept a number from the user and print it factorial.
2. Write a PHP program to accept a number from the user and print whether it is prime or not

Subject : Microprocessor Architecture (Internal)

Roll Number - 121 Student Name - PAL SATISH HIRALAL

1. What are the various addressing modes of 8085 microprocessors?
2. Explain the instructions LHLD, XCHG, SHLD, PUSH and POP.
3. Explain program counter, stack pointer and increment-decrement latch of 8085 microprocessor.
4. Write a short note on SIM instruction.
5. List and describe the special Pentium registers.

Subject : Microprocessor Architecture (Practical)

Roll Number - 145 Student Name - SINGH RITESH

1. Write a program to shift an eight bit data four bits right. Assume that data is in register C.
2. Write a set of instructions to alter the contents of the flag register in 8085.

Subject : Numerical and Statistical Methods (practical)

Roll Number - 156 Student Name - DAYAMA PRAMOD

1. Program for numerical integration using Trapezoidal rule.
2. Program to solve algebraic and transcendental equation by bisection method.

Roll Number - 145 Student Name - SINGH RITESH

1. Program for Newton's forward interpolation.
2. Program for solving linear system of equations using Gauss Jordan method.