

S.B. Roll No.....

**COMPUTER APPLICATION IN MECHANICAL ENGG**

**3<sup>rd</sup> Exam/Mech/RAC/Prod/0530/May'17**

**Duration: 3 Hrs.**

**M.Marks:75**

**SECTION A**

**Q1. Do as directed:**

**1.5x10=15**

- a) A process is a..... actually being carried out to solve a problem.
- b) Full Form of CAD .....
- c) Full form of CAM .....
- d) What is the importance of computer in mechanical Engineering?
- e) Who invented C++?
- f) In which year C++ was invented?
- g) Write header files?
- h) Write a program to print "hello"?
- i) How many relations may exist between tables database in MS Access
- j) Which data type is used to store pictures in MS Access?

**SECTION B**

**Q2. Attempt any five Questions.**

**6x5=30**

- i. How graphs and charts can be added to the presentation? Explain steps in detail.
- ii. What are different types of operators? Explain them.
- iii. What is the concept of object oriented programming? Describe each component?
- iv. How to create, save, open a file and give orientations to each slide in MS Power point?
- v. Describe algorithm and flow chart and its different components? Also make a flow chart to count 500 females?
- vi. What do you mean by class and object? How they are related to each other?

**SECTION C**

**Note: Attempt any two questions.**

**15x2=30**

Q3. Define Variables, Strings, Constants, Characters, and Integers?

Q4. What do you mean by structured programming? Also explain different flow control statements?

Q5. How will you create database in MS-Access?