S.B. Roll No………………………………………..

COMPUTER APPLICATIONS IN MECHANICAL ENGINEERING
3ʳᵈ Exam/Mech./RAC/Prod/0530/Nov'18

Duration: 3Hrs. **M.Marks:75**

SECTION-A

Q1. Do as directed. **10x1.5=15**
   a. Power point is_____ software.
   b. In C++, equality operator is _____
   c. _____ Key differentiates one record from every other record in a table.
   d. A series of slides displayed in a sequence is known as _____.
   e. _____ Loop is a pre tested loop.
   f. C++ uses the Comma as a statement terminator (T/F)
   g. "// my first program in C++" is a comment line. (T/F)
   h. && is a logical operator. (T/F)
   i. Tables in MS- Access organize data into fields and records. (T/F)
   j. Microsoft access is a Relational Database Management System. (T/F)

SECTION-B

Q2. Attempt any six questions. **5x6=30**
   i. Define loop and explain any one with the help of an example?
   ii. Write a program in C++ to print average marks of a student in three subjects?
   iii. What are common symbols used in a flowchart.
   iv. Explain working of switch case statement in C++.
   v. Explain various types of operators used in C++.
   vi. Explain various features of MS Power Point.
   vii. What do you mean by nested loop, explain with example?
   viii. Write down different views in MS Power Point.
   ix. Explain any five applications of computers?

SECTION-C

Q3. Attempt any three questions. **3x10=30**
   a. Write steps to create new database in Ms Access.
   b. What is control structure? Explain IF- Else with example.
   c. Write a program in C++ to find factorial of a number.
   d. Explain various data types in C++.
   e. Explain following.
      i. While Loop
      ii. Continue statement