

**M.Sc. (IT) SEMESTER –IV**  
**Practical Examination November-2016**  
**Programming Lab-IV**

**Time: 3 hours**

**Total Marks: 100**

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- Q. 1      Create a PL/SQL block to display employee name, salary, job and department using explicit cursor. (Note: EMP table already exist. If not create it) [20]
- Q. 2      Create a stored function in oracle to multiply two numbers. [10]
- Q. 3      Write a C++ program to sort an array of 10 given integers using merge sort technique. [30]
- Q. 4 (a)   Write a Java program to print sum of digits of given number. ( eg. 1234 output must be 10 because 1+2+3+4=10) [15]
- Q. 4 (b)   Define a class called employee with empno, name, join\_dt, salary. Create 5 employee objects as an array. Sort them salary wise and print them. [25]
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