# MGM’S College of Engineering, NANDED.

**Department of Mechanical Engineering**

**QUESTION BANK FOR TEST-** **I**

ACADEMIC YEAR 2013-14, SEM – II

Class: T.E. (Mech.) Subject: DOM Date:15/02/2014

Duration : ½ Hr. Max. Marks: 10

Q.1 Why is balancing of rotating parts necessary for high speed engines.? (05)

Q.2 Explain clearly the terms ‘Static balancing’ and ‘dynamic balancing’. State the necessary conditions to achieve them. (05)

Q.3 Write a short note on primary and secondary balancing. (05)

Q.4 Explain why only a part of the unbalanced force due to reciprocating masses is balanced by revolving mass. (05)

Q.5 Problems on rotating masses (10)

Q.6 Problems on reciprocating masses (10)

**Subject Incharge**

**Mr. V.N. Kamble**