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**KING FAHD UNIVERSITY OF PETROLEUM & MINERALS**  
**DEPARTMENT OF MATHEMATICS & STATISTICS**  
**DHAHRAN, SAUDI ARABIA**

**STAT 302: Statistical Inference**

Semester 151

Third Major Exam

Saturday December 05, 2015

6:00 – 8:00 pm

Name: \_\_\_\_\_

ID #: \_\_\_\_\_

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Question No	Full Marks	Marks Obtained
1	08	
2	10	
3	04	
4	07	
5	07	
6	10	
<b>Total</b>	<b>46</b>	











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b) Based on the interval in part (a), can we conclude that the impact strength of gears for both suppliers is same? (Clearly state your hypotheses and then give the answer).

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*With Best Wishes*