

**GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI**

*(An Autonomous Institute of Govt. Of Maharashtra)*

**Class Test- II**

**Subject: Industrial management and OR**

**Course Code: ETU605**

**Time: 1Hour**

**Date: 10/03/16**

**Marks: 15**

<b>Q.1. Attempt any two</b>	
<b>A) Explain graphically the 'EOQ' technique of Inventory Control.</b>	<b>5</b>
<b>B) With the help of neat of sketch, Explain Product Life Cycle (PLC).</b>	<b>5</b>
<b>c) Discuss four 'P's of marketing. Why packaging is called 5<sup>th</sup> P of marketing?</b>	<b>5</b>
<b>Q.2. Consider a big steel roll of 120 inch long and 20 inch wide steel sheets of same lengths but different width have to be cut. Each sheet should have 12 inch length and the following sizes have to be cut</b> <div style="display: flex; justify-content: space-between;"> <div> <b>2. 511 sheets of 9 inch wide</b>  <b>4. 263 sheets of 7 inch wide</b> </div> <div> <b>2. 301 sheets of 8 inch wide</b>  <b>4. 383 sheets of 6 inch wide</b> </div> </div> <b>Only one dimensional cutting is allowed. Formulate a problem for minimizing wastage of material.</b>	<b>5</b>

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