

**MS-5**

**Management Programme**

**ASSIGNMENT  
SECOND SEMESTER  
2017**

**MS – 5: Management of Machines and Materials**



**School of Management Studies  
INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
MAIDAN GARHI, NEW DELHI – 110 068**

## ASSIGNMENT

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<b>Course Code</b>	<b>:</b>	<b>MS - 5</b>
<b>Course Title</b>	<b>:</b>	<b>Management of Machines and Materials</b>
<b>Assignment Code</b>	<b>:</b>	<b>MS-5/TMA/SEM - II/2017</b>
<b>Coverage</b>	<b>:</b>	<b>All Blocks</b>

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**Note:** Attempt all the questions and submit this assignment on or before 31<sup>st</sup> October, 2017 to the coordinator of your study centre.

1. (a) Enumerate the basic types of plant layouts. How does a cellular layout differ from a process layout?  
(b) What are the different factors that should be considered for designing a plant layout?
2. What do you understand by work sampling technique? Highlight some uses of work sampling. What are the steps usually required in conducting a work sampling study.
3. (a) What is the distinctive feature of job production as compared to mass and batch production systems?  
(b) Give three examples from your daily life of job production systems.
4. Describe the following, with illustrations  
(a) Average Outgoing Quality (AOQ) Curve.  
(b) FAST Diagrams
5. “Inventory management for slow moving expensive items should focus more on lead time reduction than anything else”. Critically examine the statement.