

MS - 05

Master of Business Administration (Banking & Finance) (MPB)

**ASSIGNMENT
For
January 2025 and July 2025 Sessions**

MS - 05: Management of Machines and Materials

**(Last date of submission for January 2025 session is 30th April, 2025
and for July 2025 session is 31st October, 2025)**



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

ASSIGNMENT

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| Course Code | : | MS - 05 |
| Course Title | : | Management of Machines and Materials |
| Assignment Code | : | MS - 05/TMA/JAN/2025 |
| Coverage | : | All Blocks |

Note: Attempt all the questions and submit this assignment to the coordinator of your study centre. Last date of submission for January 2025 session is 30th April, 2025 and for July 2025 session is 31st October, 2025.

1. “Product development and design is basically a research and development activity”. Elaborate the statement with suitable example.
2. What is work sampling? Why is it called a fact-finding tool? Describe some uses of work sampling.
3. Practical job shops are much more complicated and may have hundreds of machine centers and thousands of jobs. Comment! Why do we resort to priority dispatching rules for sequencing jobs at each machine centre? Describe these rules.
4. How can FAST diagram act as a Value Engineering tool? Explain the basic methodology of FAST diagrams with the help of an example.
5. Write a brief note on need and role of classification, codification and standardization in the context of materials management from the viewpoint of planning, control, purchase and inventory management.