

**Management Programme (MP) /  
Master of Business Administration (Banking & Finance) (MPB)**

**ASSIGNMENT  
for  
January 2026 and July 2026 Sessions**

**(Last date of submission for January 2026 session is 30<sup>th</sup> April, 2026  
and for July 2026 sessions is 31<sup>st</sup> October, 2026)**

**MS-08: Quantitative Analysis for Managerial Applications**



**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-08</b>
<b>Course Title</b>	<b>:</b>	<b>Quantitative Analysis for Managerial Applications</b>
<b>Assignment Code</b>	<b>:</b>	<b>MS-08//TMA/JAN/2026</b>
<b>Coverage</b>	<b>:</b>	<b>All Blocks</b>

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**Note: Attempt all the questions and submit this assignment to the coordinator of your study centre. Last date of submission for January 2026 session is 30<sup>th</sup> April, 2026 and for July 2026 session is 31<sup>st</sup> October, 2026.**

1. What factors in modern society contribute to the increasing importance of quantitative approach to management?
2. Discuss the validity of the statement: "A secondary source is not as reliable as a primary source."
3. Coefficients of variation of two series are 75 percent and 90 percent, with standard deviations 15 and 18 respectively.
  - a) Obtain the mean of the two series.
  - b) Also comment which of the two is better represented by its mean.
4. The weekly wages of 2000 workmen are normally distributed with mean wage of Rs. 70 and wage standard deviation of Rs 5. Estimate the number of workers whose weekly wages are
  - a) Between Rs 70 and Rs. 71,
  - b) More than Rs. 72
5. What do you understand by forecast control? What could be the various methods to ensure that the forecasting system is appropriate?