



# Aggarwal College Ballabgarh

## LESSON PLAN

17 WEEKS (JAN-APRIL)-2025

Name of Faculty: Ms. Neha Goel

Designation/ Department: Assistant Professor (Department of Mathematics)

CLASS: B.Com. (Pass)

SEMESTER: IV

SECTION: B

SUBJECT: Business Statistics- II

Week		
1	7-1-2025	Introduction: Syllabus and pattern of question paper
	8-1-2025	Unit 1: meaning, importance, limitations of index number
	9-1-2025	Construction of index number
	10-1-2025	Price index number: Simple aggregative and relative method
	11-1-2025	Quantity index number with illustrations
	12-1-2025	S. U. N. D. A. Y.
2	13-1-2025	Weighted index number with illustrations
	14-1-2025	Paasche's, Laspeyres's method, Fisher's method, Marshall Edgeworth

		<b>method</b>
	<b>15-1-2025</b>	<b>Different tests of Adequacy: Circular, FRT and TRT</b>
	<b>16-1-2025</b>	<b>Doubt class</b>
	<b>17-1-2025</b>	<b>Deflating with examples</b>
	<b>18-1-2025</b>	<b>Splicing with examples</b>
	<b>19-1-2025</b>	<b>S. U. N. D. A. Y.</b>
<b>3</b>	<b>20-1-2025</b>	<b>Base shifting with examples</b>
	<b>21-1-2025</b>	<b>Doubt class</b>
	<b>22-1-2025</b>	<b>Chain index number</b>
	<b>23-1-2025</b>	<b>Conversion of chain into fixed price index and its difference</b>
	<b>24-1-2025</b>	<b>Continued</b>
	<b>25-1-2025</b>	<b>Conversion of fixed into chain index number</b>
	<b>26-1-2025</b>	<b>REPUBLIC DAY/S. U. N. D. A. Y.</b>
<b>4</b>	<b>27-1-2025</b>	<b>Doubt class</b>
	<b>28-1-2025</b>	<b>Consumer price index number with illustrations</b>
	<b>29-1-2025</b>	<b>Group Discussion-1</b>
	<b>30-1-2025</b>	<b>Assignment – I</b>
	<b>31-1-2025</b>	<b>Unit 2: Meaning, introduction, and importance of Time series</b>

	1-2-2025	Different components of time series and its decomposition
	2-2-2025	<b>S. U. N. D. A. Y/BASANT PANCHAMI</b>
5	3-2-2025	Measurement of the secular trend: By graphical method
	4-2-2025	Method 2: Semi-average method for odd and even time series (procedure and examples)
	5-2-2025	Method 3: Moving average method for odd time series (Procedure only)
	6-2-2025	Examples based on odd time series (for 3 yearly, 5 yearly, 7 yearly)
	7-2-2025	Moving average method for even time series ( procedure and examples)
	8-2-2025	Moving average method for even time series ( 2 yearly, 4 yearly, 6 yearly)
	9-2-2025	<b>S. U. N. D. A. Y</b>
6	10-2-2025	Doubt class
	11-2-2025	Least square method (LSM) for odd time series
	12-2-2025	<b>HOLIDAY: GURU RAVIDAS JAYANTI</b>
	13-2-2025	Least square method for even time series
	14-2-2025	LSM Continued
	15-2-2025	LSM Continued

	16-2-2025	<b>S. U. N. D. A. Y.</b>
7	17-2-2025	<b>Doubt class</b>
	18-2-2025	<b>Measure of Seasonal variations: By method of simple average for odd and even time series</b>
	19-2-2025	<b>Ratio to trend Method by odd and even time series</b>
	20-2-2025	<b>Link relative method for odd and even time series</b>
	21-2-2025	<b>Continued</b>
	22-2-2025	<b>Ratio to moving average for odd and even time series</b>
	23-2-2025	<b>S. U. N. D. A. Y.</b>
8	24-2-2025	<b>Continued</b>
	25-2-2025	<b>Doubt Class</b>
	26-2-2025	<b>HOLIDAY: MAHA SHIVRATRI</b>
	27-2-2025	<b>Test 1</b>
	28-2-2025	<b>Unit -3: Meaning of probability, importance with different illustrations</b>
	1-3-2025	<b>Basic important terms related to probability with examples</b>
	2-3-2025	<b>S. U. N. D. A. Y.</b>
9	3-3-2025	<b>Different approaches of probability with limitations and examples</b>
	4-3-2025	<b>Some more questions related to basic probability</b>

	5-3-2025	Doubt class
	6-3-2025	Permutation: Meaning and examples
	7-3-2025	Combination: Meaning and examples
	8-3-2025	Difference between permutation and combination with applications
	9-3-2025	S. U. N. D. A. Y.
10	10-3-2025	Holi-Break
	11-3-2025	Holi-Break
	12-3-2025	Holi-Break
	13-3-2025	Holi-Break
	14-3-2025	Holi-Break
	15-3-2025	Holi-Break
	16-03-2025	S. U. N. D. A. Y.
11	17-3-2025	Addition theorem for mutually dependent and not mutually dependent events: statement and its proof
	18-3-2025	Practical applications related to additional theorem
	19-3-2025	Multiplication theorem for dependent and not dependent events
	20-3-2025	Practical applications related to multiplication theorem

	21-3-2025	Combined examples related to additional and multiplication theorem of probability
	22-3-2025	Mathematical expectations of probability with illustrations
	23-3-2025	<b>S. U. N. D. A. Y.</b>
12	24-3-2025	Doubt class
	25-3-2025	Baye's theorem: statement and proof
	26-3-2025	Examples based on baye's theorem
	27-3-2025	Examples based on baye's theorem continued
	28-3-2025	Doubt class
	29-3-2025	Assignment: 2
	30-3-2025	<b>S. U. N. D. A. Y.</b>
13	31-3-2025	<b>HOLIDAY: ID-UL-FITR</b>
	1-4-2025	Unit -4: Meaning, importance of theoretical frequency distribution, how how differ from observed frequency
	2-4-2025	Types of theoretical frequency distribution
	3-4-2025	Binomial distribution: Introduction, assumptions, properties of binomial distribution
	4-4-2025	Applications related to binomial distribution
	5-4-2025	Applications of binomial distribution continued

	6-4-2025	<b>S. U. N. D. A. Y.</b>
14	7-4-2025	<b>Doubt class</b>
	8-4-2025	<b>Poisson distribution: Introduction, assumptions, properties of poisson distribution</b>
	9-4-2025	<b>Difference between binomial and Poisson distribution</b>
	10-4-2025	<b>HOLIDAY: MAHAVIR JAYANTI</b>
	11-4-2025	<b>Applications related to Poisson distribution</b>
	12-4-2025	<b>Applications related to Poisson distribution continued</b>
	13-4-2025	<b>S. U. N. D. A. Y.</b>
15	14-4-2025	<b>HOLIDAY: AMBEDKAR JAYANTI</b>
	15-4-2025	<b>Applications related to Poisson distribution continued</b>
	16-4-2025	<b>Doubt class</b>
	17-4-2025	<b>Normal distribution: Meaning, importance, properties of Normal distribution</b>
	18-4-2025	<b>Difference between binomial, Poisson, normal distribution</b>
	19-4-2025	<b>Doubt class</b>
	20-4-2025	<b>S. U. N. D. A. Y.</b>
16	21-4-2025	<b>Applications of normal distribution</b>

	22-4-2025	Applications of normal distribution continued
	23-4-2025	Applications of normal distribution continued
	24-4-2025	Applications of normal distribution continued
	25-4-2025	Continued
	26-4-2025	Fitting of normal distribution by using ordinate method and area method
	27-4-2025	<b>S. U. N. D. A. Y.</b>
17	28-4-2025	Fitting of normal distribution by using ordinate method and area method continued
	29-4-2025	Doubt Class
	30-4-2025	<b>HOLIDAY: AKSHAY TRITYA</b>
	01-05-2025	Test-2
	02-05-2025	Group Discussion
	03-05-2025	Revision of complete syllabus with PYQ's
	04-05-2025	<b>S. U. N. D. A. Y.</b>



Signature