Dayanand College of Commerce (Jr.),Latur.
Annual Topic Plan

Subject – MATHS AND STATS.-II
For the Academic Year 2021-22
Class – XIth

Part – II Topic Wise Annual Plan (From - July to March)

Sr.No.	Name of Topic	Topic Contents		Tentative No. of Lectures
1.	**Chapter-I Partition Values**	• Median, Partition Value Quartiles • Exercise 1.1 (Q.No.1 to Q. 10) • Deciles and percentiles • Exercise 1.2 (Q.No.1 to Q. 10) • Graphical location of Partition Values • Exercise 1.3 (Q.No.1 to Q. 10) • Mis.Ex.1 (Q.No.1 to Q. 20) • Practical	2 5 2 4 1 4 6 2	**26**
2.	**Chapter-II Measures Dispersion**	• Range and Quintile Deviation • Exercise 2.1 (Q.No.1 to Q. 8) • Variance & standard Deviation • Exercise 2.2 (Q.No.1 to Q. 8) • Standard Deviation for Combined data &C.V • Exercise 2.3 (Q.No.1 to Q. 10) • Mis. Ex.2 (Q.No.1 to Q. 16) • Practical	1 2 2 2 2 3 3 2	**17**
3.	**Chapter-III Skewness**	• Skewness Measures of Skewness karl &Bowley's coefficients of skewness • Exercise 3.1 (Q.No.1 to Q. 8) • Mis.Ex.3 (Q.No.1 to Q. 10) • Practical	1 2 2 2	**07**
4.	**Chapter-IV Bivariate Frequency Distribution and CHI Square Statistics**	• Bivariate frequency distribution, marginal and conditional frequency Distribution • Exercise 4.1 (Q.No.1 to Q. 4) • CHI Square Statistics • Exercise 4.2 (Q.No.1 to Q. 5) • Mis. Ex. 4 (Q.No.1 to Q. 10) • Practical	2 3 1 2 3 2	**13**

5.	**Chapter-V Correlation**	• Correlation Properties of Correlation Correlation Coefficients	3	**12**
		• Exercise 5.1 (Q.No.1 to Q. 8)	3	
		• Mis.Ex.5 (Q.No.1 to Q. 9)	4	
		• Practical	2	
6.	**Chapter-VI Permutation and combination**	• Introduction Fundamental principles of Counting	2	**27**
		• Exercise 6.1 (Q.No.1 to Q. 15)	2	
		• Factorial Function and Properties	1	
		• Exercise 6.2 (Q.No.1 to Q. 13)	2	
		• Permutation, Properties	2	
		• Exercise 6.3 (Q.No.1 to Q. 15)	3	
		• Permutation when all objects are distinct	1	
		• Exercise 6.4 (Q.No.1 to Q. 15)	2	
		• Circular Permutation	1	
		• Exercise 6.5 (Q.No.1 to Q. 10)	2	
		• Combination	1	
		• Exercise 6.6 (Q.No.1 to Q. 15)	2	
		• Exercise 6.7 (Q.No.1 to Q. 15)	2	
		• Mis Ex.6 (Q.No.1 to Q. 20)	2	
		• Practical	2	
7.	**Chapter-VII Probability**	• Random Experiment, Sample Space, Events, Algebra & types of Event	3	**28**
		• Exercise 7.1 (Q.No.1 to Q. 8)	3	
		• Probability & it's Properties	1	
		• Exercise 7.2 (Q.No.1 to Q. 9)	3	
		• Addition Theorem	1	
		• Exercise 7.3 (Q.No.1 to Q. 9)	3	
		• Condition probability, Multiplication Theorem, Independent Event	3	
		• Exercise 7.4 (Q.No.1 to Q. 13)	4	
		• Mis Ex.7 (Q.No.1 to Q. 14)	5	
		• Practical	2	
8.	**Chapter-VIII Linear Inequations**	• Introduction & Solution of linear Inequations	2	**14**
		• Exercise 8.1 (Q.No.1 to Q. 9)	2	
		• Graphical Solution with two variables	1	
		• Exercise 8.2 (Q.No.1 to Q. 3)	2	
		• Solve of linear Inequation	1	
		• Exercise 8.3 (Q.No.1 to Q. 7)	2	
		• Mis Ex.8 (Q.No.1 to Q. 15)	2	
		• Practical	2	
9.	**Chapter-IX Commercial Mathematics**	• Percentage	1	**20**
		• Exercise 9.1(Q.No.1 to Q. 9)	1	
		• Profit and loss	1	
		• Exercise 9.2 (Q.No.1 to Q. 15)	1	
		• Simples and Compound Interest	1	
		• Exercise 9.3 (Q.No.1 to Q. 11)	1	
		• Depreciation	1	
		• Exercise 9.4 (Q.No.1 to Q. 8)	1	
		• Partnership	1	
		• Exercise 9.5 (Q.No.1 to Q. 10)	2	

		• GST	1	
		• Exercise 9.6 (Q.No.1 to Q. 7)	2	
		• Shares and dividends	1	
		• Exercise 9.7 (Q.No.1 to Q. 18)	1	
		• Mis.Ex.9 (Q.No.1 to Q. 18)	2	
		• Practical	2	

Part – II No. of Days Required for Examination

Exam Type	Exam Duration (In Days)	Syallabus
1) Unit Test – I	03	Chapter 1,2,3
2) First Term Exam	06	Chapter 1,2,3,4,5
3) Unit Test – II	03	Chapter 6,7
4) Annual Exam	06	Chapter 1 To 9 (All Syllabus)
5) Application Based Test(ABT- Final Practical Exam.)	06	All Syllabus According to Practical Book
Total Exam Duration (In Days)	**24 Days**	**In Words: Twenty Four Days**

A) The total no. of days required for the completion of Syllabus (Part-I) to be taken throughout the year = 164 **Days**
B) The total no. of days required for Examinations (Part-II) to be held throughout the year = **24Days***
C) Total No. of Days (A+B = C) i.e. 164 Days + 24 Days = 188 Days**

The above "Annual Topic Planning" is prepared by all the Teachers of respective subject (Maths and Stats-II)sitting together

Sr.No.	Name of the Subject Teacher	Signature	Remark (If Any..,)
1.	Kamble S.M.		
2.	Bansude S.S.		
3.	Mantri N.P.		

Co-ordinator   **Supervisor**