

Class – XI

Sub: Statistics

Weekly Syllabus (Tentative)

Academic Session 2024-25

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Apr-24	I	01-06	06-Working Saturday (Staff)	05				
	II	08-12	11 – Id-ul-Fitr	04				
	III	15-19	14 - Ambedakar Jayanti 17 – Ram Navami 21 - Mahavir Jayanti	04	2	<u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 4 - Organization of Data	Classification – definition, Objectives, characteristics Statistical Series	
	IV	22-27	27-Working Saturday (Student)	06	4	<u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 4 - Organization of Data	Frequency distribution- Uni - variate, Types of Frequency Distribution,	
	V	29-30		02	1	<u>COLLECTION AND ORGANIZATION</u>	Special cases – Mid value series, cumulative series	

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						<u>OF DATA</u> Chapter 4 - Organization of Data		
May-24	I	01-03	01-03 : ES-1 (XII)/ CT-1 (X)	03	2	<u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 4 - Organization of Data	relative frequencies series bi-variate frequency distribution.	ES-1 (XII)/ CT-1 (X) Date: 01-07 May
	II	06-10	06-07 : ES-1 (XII)/ CT-1 (X) 09,10 – The Quest	05	4	<u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 4 - Organization of Data	bi- variate frequency distribution	
	III	13-18	18- Working Saturday (Open House X & XII)	06	4	Unit 3 – <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter 8 – Measures of central tendency (Arithmetic	Questionnaire – Project work Calculation of simple arithmetic mean Individual series,	

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						mean)		
***** SUMMER BREAK 20 MAY -30 JUN 2024 *****								
Jul-24	I	01-06	01- School reopens for staff 06-Working Saturday (Student)	05	4	Revision for new students. <u>Unit 3 – STATISTICAL TOOLS AND INTERPRETATION</u> Chapter 8 – Measures of central tendency (Arithmetic mean)	Calculation of simple arithmetic mean discrete series	PT-I Class VI-X Date: 05 Jul – 12Jul ES-2 (XII): 05 Jul – 12Jul
	II	08-12		05	4	<u>Unit 3 – STATISTICAL TOOLS AND INTERPRETATION</u> Chapter 8 – Measures of central tendency (Arithmetic mean)	Calculation of Mean of continuous series Merits and demerits of arithmetic mean, weighted mean. Calculation of missing frequency value, Mathematical Properties of Mean.	
	III	15-19	17-Muharram	04	2	<u>Unit 3 – STATISTICAL TOOLS AND INTERPRETATION</u>	Definition , Calculation of median for individual, And discrete series.	

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						Chapter 9 – Positional average and partition values		
	IV	22-27	27 – Working Saturday (Students)	06	4	Unit 3 – <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter 9 – Positional average and partition values	Calculation of median for continuous series. Median in special cases, properties of median.	
	V	29-31		03	2	Unit 3 – <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter 9 – Positional average and partition values	Mean vs median, merits and demerits median. Calculation of partitioned values (Quartiles).	
Aug-24	I	01-03	03 – Working Saturday (Open House (VI-X), XII)	03	2	Unit 3 – <u>STATISTICAL TOOLS AND INTERPRETATION</u>	Calculation of Mode. Mode in special cases. Relationship between mean median and Mode. Merits and demerits of mode	

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						Chapter 9 – Positional average and partition values		
	II	05-09		05	4	Unit 1- <u>INTRODUCTION</u> Chapter 2- Introduction --Meaning and Scope of statistics	Meaning singular sense	
	III	12-16	15 – Independence Day	04	2	Unit 1- <u>INTRODUCTION</u> Chapter 2- Introduction --Meaning and Scope of statistics	Meaning plural sense.	
	IV	19-23	19-Raksha Bandhan	04	2	Unit 1- <u>INTRODUCTION</u> Chapter 2- Introduction --Meaning and Scope of statistics	Functions of Statistics	ES-1 (XI): Chapter 4 - Organization of Data Chapter 8 – Measures of central tendency (Arithmetic mean)
	V	26-31	26-Janmashtami 31-Working Saturday	05	4	Unit 1-	Importance and	

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			(Students) 31-Annual Prize Distribution			<u>INTRODUCTION</u> Chapter 2- Introduction --Meaning and Scope of statistics	Limitations of Statistics	
Sep-24	I	02-06		05	4	Revision		
	II	09-14	14 – Working Saturday (Students)	06		Mid Term/ HYE Exam	Mid Term (PT-II)/ HYE Date 09-24 Sep	
	III	16-21	16-Milad-un-Nabi 21 – Working Saturday (Students)	05				
	IV	23-27		05				
	V	30		01	Unit 2 – <u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 3 – Collection of Primary and Secondary data	Sources of collection of data.	Chapter 2- Introduction --Meaning and Scope of statistics Chapter 4 - Organization of Data Chapter 8 – Measures of central tendency (Arithmetic mean) Chapter 9 – Positional average and partition values	
Oct-24	II	01-05	02-Mahatma Gandhi's Birthday 05-Annual Prize	04	2	Unit 2 – <u>COLLECTION</u>	Sources of collection of data.	

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			Distribution			<u>AND ORGANIZATION OF DATA</u> Chapter 3 – Collection of Primary and Secondary data		
	III	07-12	09-13– Autumn Break 12- Dussehra	02	1	Unit 2 – <u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 3 – Collection of Primary and Secondary data	Methods of Collection of Primary data with merits and demerits.	
	IV	14-19	17-Maharishi Valmiki's Birthday 19 – Working Saturday (Open House VI-XII)	05	4	Unit 2 – <u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 3 – Collection of Primary and Secondary data	Methods of Collection of Primary data with merits and demerits.	
	V	21-25	20– Karwa Chouth	05	4	Unit 2 – <u>COLLECTION AND</u>	Census and Sample surveys. Methods of Sampling.	

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						<u>ORGANIZATION OF DATA</u> Chapter 3 – Collection of Primary and Secondary data		
	VI	28-31	30-03 Nov – Diwali Break	02	1	Unit 2 – <u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 3 – Collection of Primary and Secondary data	Collection of Secondary data. Important sources of secondary data.	
*** Autumn Break 09-13 Oct 2024 ***								
Nov-24	I	04-09	09 – Working Saturday (Students)	06	4	Unit 2 – <u>COLLECTION AND ORGANIZATION OF DATA</u> Chapter 5 – Tabular Presentation	Tabular presentation of the collected data – Definition and Objectives of Tabulation.	
	II	11-15	12 – Annual Day 15 – Guru Nank's Birthday	04	2	Unit 2 – <u>COLLECTION AND ORGANIZATION</u>	Essentials of a satisfactory table.	

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						<u>OF DATA</u> Chapter 5 – Tabular Presentation		
	III	18-22		05	4	Unit 2 – <u>COLLECTION</u> <u>AND</u> <u>ORGANIZATION</u> <u>OF DATA</u> Chapter 6 – Diagrammatic Presentation of data	Pictorial presentation - Graphical and diagrammatic presentation – One dimensional diagrams, Pie charts. Project work Explanation	PT-II (VI-VIII): 19 Nov-10 Dec PT-III (IX): 19 Nov-10 Dec PT-III (X): 14 Nov-25 Nov MPB (XII): 14 Nov-25 Nov
	IV	25-30	29,30 – Annual Athletic Meet	06	4	Unit 2 – <u>COLLECTION</u> <u>AND</u> <u>ORGANIZATION</u> <u>OF DATA</u> Chapter 7 – Graphic Presentation of data	Pictorial presentation - Graphical and diagrammatic presentation – Graphical presentation of frequency distributions	
Dec-24	I	02-07	07 – Sports Day	06	4	Unit 3 -	Correlation and causation, Types of correlation, Degree	

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						<u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter - 11 Measures of correlation	of correlation, scatter diagram,	
	II	09-13		05	4	Unit 3 - <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter - 11 Measures of correlation	Coefficient of correlation - Calculation of Karl Pearson coefficient of correlation	
	III	16-21	21-Working Saturday, Open House (X & XII)	06	4	Unit 3 - <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter - 11 Measures of correlation	Calculation of Spearman Rank coefficient of correlation	
	IV	23	24,25 – Christmas Holidays	01	1	Unit 3 - <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter - 11 Measures of correlation	Calculation of Spearman Rank coefficient of correlation	

***** Winter Break from 26 Dec to 04 Jan 2025 *****

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Jan-25	I	06-10		05	4	Unit 3 - <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter - 12 Index Number	Meaning of Index Numbers. Types of index numbers Methods of constructing price index number – un weighted and weighted index number	
	II	13-18	18-Working Saturday, Open House (VI-IX, XI)	06	4	Unit 3 - <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter - 12 Introduction to Index Number	Methods of constructing price index number – un weighted and weighted index number	
	III	20-25	25-Citation Ceremony 25-Open House XII 26-Republic Day	06	4	Unit 3 - <u>STATISTICAL TOOLS AND INTERPRETATION</u> Chapter - 12 Introduction to Index Number	Consumer price index Uses and limitations of index numbers	
	IV	27-31		05	4	Revision		
Feb-25	I	01	01 – Farewell XII 01- Open House X	01				

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	II	03-07		05				Annual Exam Class IX & XI – 05 Feb-19 Feb 2025 Full syllabus as per CBSE
	III	10-14		05				
	IV	17-22	22-Working Saturday (students)	06				
	V	24-28	26-Maha Shivratri	04				
Mar-25	Annual Exam Classes VI-VIII – 25 Feb-10 Mar 2025							

Note: The examination syllabus as mentioned above is to be considered Tentative. The final syllabus for each exam will be uploaded on the website along with the Date Sheet at the time of the examination.