THE AIR FORCE SCHOOL : SUBROTO PARK : DELHI CANTT-110010

Class – XI

Sub: STATISTICS

Weekly Syllabus

Academic Session 2023-24

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Apr-23	IV	17-21		05	04	Unit 2 – *COLLECTION AND ORGANIZATION OF DATA* Chapter 4 - Organization of Data	Classification – definition, Objectives, characteristics Statistical Series Frequency distribution- Uni - variate,	
	V	24-29	29-Working Saturday (Student) 29 – Parent Orientation VI & IX	06	04	Unit 2 – *COLLECTION AND ORGANIZATION OF DATA* Chapter 4 - Organization of Data	Types of Frequency Distribution, Special cases – Mid value series, cumulative series, relative frequencies series	
May-23	I	01-05	**05 – Budha Purnima** 01-04 : ES-1 (XII)/ CT-1 (X)	04	03	Unit 2 – *COLLECTION AND ORGANIZATION OF DATA* Chapter 4 - Organization of	bi- variate frequency distribution.	ES-1 (XII)/ CT-1 (X) Date: 01-08 May

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						Data		
	II	08-12	**08 : ES-1 (XII)/ CT-1 (X) 11,12 – The Quest**	05	04	**Unit 3 – _STATISTICAL TOOLS AND INTERPRETATION_** **Chapter 8 – Measures of central tendency Arithmetic mean**	**Questionnaire – Project work** **Calculation of simple arithmetic mean Individual series,**	
	III	15-20	**20- Working Saturday (Open House X & XII)**	06	04	**Unit 3 – _STATISTICAL TOOLS AND INTERPRETATION_** **Chapter 8 – Measures of central tendency Arithmetic mean**	**Calculation of simple arithmetic mean discrete series**	
***** SUMMER BREAK 22 MAY -30 JUN 2023 ******								
Jul-23	I	01-	01- School reopens for staff	01		------	--------	**PT-I**

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
								Class VI-X Date: 07 Jul – 19Jul
	II	03-07		05	04	**Revision for new students** **Unit 3 –** **_STATISTICAL_** **_TOOLS AND_** **_INTERPRETATION_** **Chapter 8 –** **Measures of central tendency (Arithmetic mean)**	**Calculation of Mean of continuous series**	07 Jul – 19Jul
	III	10-14		05	04	**Unit 3 –** **_STATISTICAL_** **_TOOLS AND_** **_INTERPRETATION_** **Chapter 8 –** **Measures of central tendency (Arithmetic mean)**	**Calculation of missing frequency value, Mathematical Properties of Mean.**	
	IV	17-22	**22 – Working Saturday (Students)**	06	04			

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						Unit 3 – *STATISTICAL TOOLS AND INTERPRETATION* Chapter 8 – Measures of central tendency (Arithmetic mean)	Merits and demerits of arithmetic mean, weighted mean	
	V	24-28	**29-Muharram**	05	04	Unit 1- *INTRODUCTION* Chapter 2- Introduction --Meaning and Scope of statistics	Meaning singular sense and plural sense.	
	VI	31		01	01	Unit 1- *INTRODUCTION* Chapter 2- Introduction --Meaning and Scope of statistics	Functions of Statistics	
Aug-23	I	01-05	05 – Working Saturday (Open House (VI-	05	04	Unit 1-	Importance and	

Month	Week	Dates			Days	No of Periods	Chapter	Contents	Syllabus
			X), XII)				*INTRODUCTION* **Chapter 2- Introduction --Meaning and Scope of statistics**	**Limitations of Statistics**	
	II	07-11			05	04	**Unit 3 – *STATISTICAL TOOLS AND INTERPRETATION*** **Chapter 9 – Positional average and partition values**	**Definition , Calculation of median for individual, And discrete series.**	
	III	14-18	**15 – Independence Day**		04	03	**Unit 3 – *STATISTICAL TOOLS AND INTERPRETATION*** **Chapter 9 – Positional average and partition values**	**Calculation of median for continuous series.** **Median in special cases, properties of median.**	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
	IV	21-26	24,25-Class Test 26-Working Saturday (Students) 26-Annual Prize Distribution	06	04	Unit 3 – *STATISTICAL TOOLS AND INTERPRETATION* Chapter 9 – Positional average and partition values	Mean vs median, merits and demerits median. Calculation of partitioned values (Quartiles).	21 Aug – 25 Aug Chapter 4 - Organization of Data Chapter 8 – Measures of central tendency (Arithmetic mean)
	V	28-31	30-Raksha Bandhan 28,29 -Class Test	03	02	Unit 3 – *STATISTICAL TOOLS AND INTERPRETATION* Chapter 9 – Positional average and partition values	Calculation of Mode. Mode in special cases. Relationship between mean median and Mode. Merits and demerits of mode	
Sep-23	I	01	01 -Class Test	01		Revision		

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
	II	04-08	**07-Janmashtami**	04				
	III	11-16	**16 – Working Saturday (Students)**	06		Mid Term/ HYE Exam		
	IV	18-23	**23 – Working Saturday (Students)**	06				**Date 11-23 Sep**
	V	25-30	**28-Milad-un-Nabi**	04	03	**Unit 2 –** _**COLLECTION AND ORGANIZATION OF DATA**_ **Chapter 5 – Tabular Presentation**	**Tabular presentation of the collected data – Definition and Objectives of Tabulation.**	**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-23	II	02-07	**02-Mahatma Gandhi's Birthday** **07-Annual Prize Distribution**	05	04	**Unit 2 –** _**COLLECTION AND ORGANIZATION OF DATA**_ **Chapter 5 – Tabular Presentation**	**Essentials of a satisfactory table.**	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
	III	09-14	**14- Working Saturday(Open House VI-XII)**	06	04	**Unit 2 – _COLLECTION AND ORGANIZATION OF DATA_ Chapter 5 – Tabular Presentation**	**Tabular presentation of the collected data – Parts of a table**	
						Unit 3 - _STATISTICAL TOOLS AND INTERPRETATION_ Chapter - 11 Measures of correlation	**Correlation and causation,**	
	IV	16-20		05	04	**Unit 3 - _STATISTICAL TOOLS AND INTERPRETATION_**	**Types of correlation, Degree of correlation, scatter diagram,**	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						Chapter - 11 Measures of correlation		
	V	23-27	**23– Autumn Break 24- Dussehra 28-Maharishi Valmiki's Birthday**	03	02	**Unit 3 - *STATISTICAL TOOLS AND INTERPRETATION*** **Chapter - 11 Measures of correlation**	**Coefficient of correlation** - **Calculation of Karl Pearson coefficient of correlation**	
	VI	30-31		02	01	**Unit 3 - *STATISTICAL TOOLS AND INTERPRETATION*** **Chapter - 11 Measures of correlation**	**Coefficient of correlation** - **Calculation of Karl Pearson coefficient of correlation**	
*** Autumn Break 23 Oct 2023 ***								
Nov-23	I	01-04	**01– Karwa Chouth** **04 – Working Saturday (Students)**	03	02	**Unit 3 - *STATISTICAL TOOLS AND INTERPRETATION*** **Chapter - 11 Measures of correlation**	**Calculation of Spearman Rank coefficient of correlation**	
	II	06-10	**07 – Annual Day**	05	04	**Unit 3 - *STATISTICAL TOOLS AND INTERPRETATION***	**Calculation of Spearman Rank coefficient of correlation**	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						Chapter - 11 Measures of correlation		
	III	13-18	**11-15 – Diwali Break**	03	02	Unit 2 – *COLLECTION AND ORGANIZATION OF DATA* Chapter 3 – Collection of Primary and Secondary data	**Sources of collection of data.**	**ES-2 (XI):** 21 Nov-14 Dec **Chapter 5 – Tabular Presentation** **Chapter - 11 Measures of correlation**
	IV	20-24		05	04	Unit 2 – *COLLECTION AND ORGANIZATION OF DATA* Chapter 3 – Collection of Primary and Secondary data	**Methods of Collection of Primary data with merits and demerits.**	
	V	27-30	**27 – Guru Nank's Birthday**	03	02	Unit 2 – *COLLECTION AND ORGANIZATION OF DATA* Chapter 3 – Collection of Primary and Secondary data	**Methods of Collection of Primary data with merits and demerits.**	
Dec-23	I	01-02	**01,02 – Annual Athletic Meet**	02	01	Unit 2 – *COLLECTION AND*	**Census and Sample surveys. Methods of Sampling.**	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						ORGANIZATION OF DATA **Chapter 3 – Collection of Primary and Secondary data**		
	II	04-09	**09 – Sports Day**	06	04	**Unit 2 – COLLECTION AND ORGANIZATION OF DATA Chapter 3 – Collection of Primary and Secondary data**	**Collection of Secondary data. Important sources of secondary data.**	
	III	11-16	**16-Working Saturday, Open House (IX,X & XII)**	06	04	**Unit 2 – COLLECTION AND ORGANIZATION OF DATA Chapter 6 – Diagrammatic Presentation of data**	**Pictorial presentation - Graphical and diagrammatic presentation – One dimensional diagrams, Pie charts.** **Project work Explanation**	
	IV	18-22	**20-22 – TAFS MUN** **24,25 – Christmas Holidays**	05	04	**Unit 2 – COLLECTION AND ORGANIZATION OF DATA**	**Pictorial presentation - Graphical and diagrammatic presentation – Graphical presentation of frequency distributions**	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						Chapter 7 – Graphic Presentation of data		
*** Winter Break from 26 Dec to 05 Jan 2024 ***
Jan-24	I	08-12		05	04	**Unit 3 - _STATISTICAL TOOLS AND INTERPRETATION_** **Chapter - 12 Index Number**	**Meaning of Index Numbers. Types of index numbers Methods of constructing price index number – un weighted and weighted index number**	<mark>**Pre-Board (X & XII):**</mark> **09 Jan-23 Jan**
	II	15-20	**20-Working Saturday, Open House (VI-VIII, XI)**	06	04	**Unit 3 - _STATISTICAL TOOLS AND INTERPRETATION_** **Chapter - 12 Introduction to Index Number**	**Methods of constructing price index number – un weighted and weighted index number**	
	III	22-27	**26-Republic Day** **27- Farewell XII**	05	04	**Unit 3 - _STATISTICAL TOOLS AND INTERPRETATION_** **Chapter - 12 Introduction to Index Number**	**Consumer price index Uses**	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
	IV	29-31		03	02	**Unit 3 - _STATISTICAL TOOLS AND INTERPRETATION_** **Chapter - 12 Introduction to Index Number**	**limitations of index numbers**	
Feb-24	I	01-03	**01,02- Class Test** **03-Working Saturday, Citation Ceremony, Open House (X& XII)**	03	02		Revision	
	II	05-09	**05-08- Class Test**	05				**Annual Exam Class IX & XI** – 07 Feb-21 Feb 2023 **Complete Syllabus**
	III	12-16		05				
	IV	19-23		05				
	V	26-29		04				
Mar-24	**Annual Exam Classes VI-VIII – 26 Feb-11 Mar 2024**							

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.