







SESSION PLAN 2025-26 (STANDARD XI)
INTRODUCTION TO AGRICULTURE (SUB CODE-808)
JOB ROLE: AGRICULTURE EXTENSION WORKER

MONTH	UNITS	TOPICS COVERED	
		THEORY	PRACTICAL
Apr-25	SECTION – I - AGRICULTURE AND CROP PRODUCTION-Unit I: Scope and Importance	# Definition of Agriculture, its branches # Scope in the national economy and employment	
	SECTION – I - AGRICULTURE AND CROP PRODUCTION-Unit II: Physical Environment/UNIT 1: COMMUNICATION SKILLS – III	Climate and Weather, elements of Weather: Rainfall, Temperature, Humidity, Wind, Sunshine, Climate Change and Global warming. Introduction to various meteorological equipments.	# Writing pros and cons of written, verbal and non-verbal communication # Listing do's and don'ts for avoiding common body language mistakes
		# Methods of communication Verbal Non-verbal Visual	
		Soil, Soil texture and structure and its types, distribution and area. Soil erosion and Soil conservation. Reclamation of problematic soils acidic and alkali.	
May-25	SECTION – I - AGRICULTURE AND CROP PRODUCTION-Unit II: Physical Environment/UNIT 1: COMMUNICATION SKILLS – III	# Tillage definition and types. Concept of conservation and tillage # Communication styles assertive, aggressive, passive aggressive, submissive, etc.	# Observing and sharing communication styles of friends, teachers and family members and adapting the best practices # Role plays on communication styles.
	 SUMMER VACATION (11TH MAY- 30TH JUNE) 		
Jun-25	 SUMMER VACATION (11TH MAY- 30TH JUNE) 		
Jul-25	SECTION – I - AGRICULTURE AND CROP PRODUCTION-Unit III: Agriculture Economics and Crop Production/UNIT 1: COMMUNICATION SKILLS – III	# Agricultural Economics, Cooperative system in Agriculture, Crop insurance. Kisan Credit Cards. Marketing of Agricultural products (supply chain, retailing, wholesale), haats. # Writing skills to the following: • Sentence • Phrase • Kinds of Sentences • Parts of Sentence • Parts of Speech • Articles • Construction of a Paragraph	Demonstration and practice of writing sentences and paragraphs on topics related to the subject
	SECTION – I - AGRICULTURE AND CROP PRODUCTION-Unit III: Agriculture Economics and Crop Production/UNIT 2: SELF - MANAGEMENT SKILLS – III	Package of practices in field crops like important varieties, seed rate, sowing time, intercropping operations, yield and marketing for Rice, Wheat, Maize, Mustard, Sunflower, Soyabean, Groundnut, Black gram, Red gram, Pea, Jute, Sugarcane, Sorghum, Pearl millet and Finger millet. # Describe the importance of dressing appropriately, looking decent and positive body language	# Demonstration of impressive appearance and groomed personality # Demonstration of the ability to self- explore
		Package of practices of fruits: Mango, Banana, Guava, Lime, Grape, Apple, Pomegranate. Vegetables: Potato, Tomato, Cauliflower, Cabbage, Spinach, Brinjal, Bottle gourd, Pumpkin, Cucumber. Flower- Rose, Gladiolus, Marigold. # Describe the term grooming	

		Types of seed-foundation and certified and methods of plant propagation – Layering and Cutting, and Tissue culture Important farm implements and their general maintenance. #Prepare a personal grooming checklist	
Aug-25	SECTION II - GENETICS AND PLANTBREEDING-Unit IV: Genetics and Plant Breeding/UNIT 2: SELF - MANAGEMENT SKILLS – III	# Cell and its structure, cell division-Mitosis and Meiosis and their significance in plant growth and development. # Describe the important factors that influence in team building # Introduction to -DNA, RNA, and their differences.	Group discussion on qualities of a good team
		# Describe factors influencing team work # Role of Genetics in Plant breeding, self and cross-pollinated crops, methods of breeding in field crops-introduction, Selection, Hybridization, Mutation.	Group discussion on strategies that are adopted for team building and team work
		# Meaning and importance of time management – setting and prioritizing goals, creating a schedule, making lists of tasks, balancing work and leisure, using different optimization tools to break large tasks into smaller tasks.	# Game on time management # Checklist preparation # To-do-list preparation
	SECTION II - GENETICS AND PLANTBREEDING-Unit IV: Genetics and Plant Breeding/UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III	# Mendel's laws of Inheritance. Illustrative depiction of the Mendel's experiments, their importance in plant breeding. # . Introduction to word processing.	Demonstration and practice of the following: • Listing the features of word processing • Listing the software packages for word processing • Opening and exit the word processor • Creating a document
Sep-25	SECTION - III: - LIVESTOCK PRODUCTION-Unit V: Scope and Importance/UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III	#Importance of livestock in Agriculture, National Economy and Nutritional security # Software packages for word processing.	Demonstration and practice of the following: • Listing the features of word processing • Listing the software packages for word processing
		#Important animal based food products and their role in our diet. #Opening and exiting the word processor. # Creating a document	• Opening and exit the word processor • Creating a document
		MID TERM EXAMINATION 16 SEPTEMBER 2025-1 OCTOBER 2025	
	SECTION - III: - LIVESTOCK PRODUCTION-Unit V: Scope and	#Important indigenous and exotic breeds of cattle, buffalo and poultry, and quantitative and qualitative production details of produces (milk, meat and eggs) #Editing text Wrapping and aligning the text Font size, type and face. Header and Footer Auto correct	. Demonstration and practicing the following: • Editing the text • Word wrapping and alignment • Changing font type, size and face • Inserting header and footer • Removing header and footer . Using autocorrect option Insert page numbers and bullet Save and print a document

Oct-25	Importance/UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III	<ul style="list-style-type: none"># Concept and pattern of cooperative system of milk procurement and pricing of milk. Marketing of milk in IndiaNumbering and bulletCreating tableFind and replacePage numbering.Printing document.Saving a document in various formats.	
	SECTION - III: - LIVESTOCK PRODUCTION-Unit VI: Care and Management/UNIT 4: ENTREPRENEURIAL SKILLS- III	<ul style="list-style-type: none"># Animal body structure and functions.#Values in general and entrepreneurial values# Concept of grazing and stall feeding including poultry feeding.#Entrepreneurial value orientation with respect to innovativeness, independence, outstanding performance and respect for work	<ul style="list-style-type: none">Listing of entrepreneurial values by the students# Group work on identification of entrepreneurial values and their roles after listing or reading 2-3 stories of successful entrepreneur.# Exhibiting entrepreneurial values in Ice breaking, rapport building, group work and home assignments.
Nov-25	SECTION - III: - LIVESTOCK PRODUCTION-Unit VI: Care and Management/UNIT 4: ENTREPRENEURIAL SKILLS- III	<ul style="list-style-type: none"># Principles of feeding, feeding practices; Important fodder crops; Silage and Hay preparation; balanced ratio-definition and ingredients.# Attitudes in general and entrepreneurial attitudes# Using imagination/ intuition	Preparing a list of factors that influence attitude in general and entrepreneurial attitude
		<ul style="list-style-type: none"># Housing of dairy animals and poultry animals.# Tendency to take moderate risk	Demonstrating and identifying own entrepreneurial attitudes during the following micro lab activities like thematic appreciation test
		<ul style="list-style-type: none"># Management of calves, bullocks, pregnant and milch animals as well as chicks and layers.# Enjoying freedom of expression and action	Preparing a short write-up on “who am I”
		<ul style="list-style-type: none"># Production of milk and eggs.# Looking for economic opportunities	Take up a product and suggest how its features can be improved
Dec-25	SECTION - III: - LIVESTOCK PRODUCTION-Unit VI: Care and Management/UNIT 4: ENTREPRENEURIAL SKILLS- III	<ul style="list-style-type: none"># Systems of milking by hand and by machine. Important considerations in both these methods.# Believing that we can change the environment	Group activity for suggesting brand names, names of enterprises, etc.
		<ul style="list-style-type: none"># Concept of clean milk production processing, pasteurization and packaging and milk. Value added products from milk.# Analyzing situation and planning action	Group activity for suggesting brand names, names of enterprises, etc.
		<ul style="list-style-type: none"># Principles of disease management and vaccination.# Involving in activity	Group activity for suggesting brand names, names of enterprises, etc.
		<ul style="list-style-type: none">#Signs of sick animals, symptoms of common diseases in cattle and poultry-Rinderpest, Black quarter, Foot and Mouth, Mastitis, Hemorrhagic Septicemia, Salmonellosis, bird flu, Fowl Pox and Rani khet disease, their prevention and control.	
<div>WINTER BREAK 1 JAN 2026-15 JAN 2026</div>			

Jan-26	SECTION - III: - LIVESTOCK PRODUCTION-Unit VII: Bio-Waste Management and Government Schemes/UNIT 5: GREEN SKILLS – III	# Utilization of animals in Bio-wastes and Biogas plant # Main sectors of green economy- Ewaste management, green transportation, renewal energy, green construction, water management	Preparing a poster on any one of the sectors of green economy
		# Important government schemes for development of livestock dairy and purity in India. Their important features and eligibility criteria. # Policy initiatives for greening economy in India	Writing a two-page essay on important initiatives taken in India for promoting green economy
Feb-26	UNIT 5: GREEN SKILLS – III	Stakeholders in green economy Role of government and private agencies in greening cities, buildings, tourism, industry, transport, renewable energy, waste management, agriculture, water, forests and fisheries	Preparing posters on green Sectors/Areas: cities, buildings, tourism, industry, transport, renewable energy, waste management, agriculture, water, forests and fisheries
		REVISION	
Mar-26	ANNUAL EXAMINATION 2026		