

SECTOR -AGRICULTURE
JOB ROLE:SOLANACEOUS CROP CULTIVATOR
QP CODE: AGR/Q0402
CLASS -10th

Total No of Topics -63
Total No of Topics Deducted from Five section - 19
% of (Total no of topics) = 30.1%
30.1% Reduction Of Sector as Follows - (Theory and Practicals need to drop out are highlighted in red color)

Sl. No.	List Of Units	List of Practicals Aligned With Each Unit	Unit/Session to be reduced(Theory and Practical)	Remark(Reason for dropping or reduce)
UNIT 1:	IRRIGATION MANAGEMENT IN VEGETABLE CROPS			
SESSION 1	IRRIGATION AND MICROIRRIGATION	ENLIST THE DIFFERENT QUALITIES OF IRRIGATION WATER		
SESSION 2	QUALITY OF IRRIGATION WATER	VISIT TO AGRICULTURE FARM AND IDENTIFY VARIOUS TYPES OF IRRIGATION SYSTEMS		
SESSION 3	QUANTITY OF WATER REQUIRED FOR THE SPECIFIC CROP AND ITS AFFECT ON ITS YIELD	INTERACT WITH MICRO IRRIGATION EXPERT AND GET FEEDBACK ON THE USAGE OF SPECIFIC APPLICABLE IRRIGATION SYSTEM METHODS TO BE ADAPTED AT THE FARM		
SESSION 4	FREQUENCY OF IRRIGATION REQUIRED AT VARIOUS STAGES OF PLANT GROWTH	ENSURE APPROPRIATE WATER SUPPLY AT VARIOUS LIFE STAGES OF THE CROP AS PER EACH STAGE REQUIREMENT		
SESSION 5	CHARACTERISTICS OF GOOD IRRIGATION SYSTEM	ENLIST DIFFERENT COMPONENTS OF DRIP IRRIGATION SYSTEM		
SESSION 6	DIFFERENT TYPES OF IRRIGATION SYSTEMS AVAILABLE			
SESSION 7	QUANTITY OF WATER REQUIRED FOR THE SPECIFIC CROP AND ITS AFFECT ON ITS YIELD			
SESSION 8	FREQUENCY OF IRRIGATION REQUIRED AT VARIOUS STAGES OF PLANT GROWTH			
SESSION 9	VARIOUS TYPES OF MICROIRRIGATION EQUIPMENTS TO BE USED			
SESSION 10	RELATIVE ADVANTAGES AND DISADVANTAGES OF IRRIGATION EQUIPMENTS			
SESSION 11	SUITABILITY OF DIFFERENT METHOD OF IRRIGATION			

SESSION 12	ADVANTAGES AND DISADVANTAGE OF DIFFERENT IRRIGATION METHOD			
SESSION 13	CRITICAL STAGES OF IRRIGATION IN VEGETABLE CROPS			
SESSION 14	SELECTION OF BEST TIME OF THE DAY TO IRRIGATE THE CROPS			
UNIT - 2	WEED CONTROL AND MANAGEMENT IN VEGETABLE CROPS			
SESSION 1	DEFINE WEEDS	ENLIST MAJOR WEEDS FOUND IN YOUR SCHOOL CAMPUS		
SESSION 2	MAJOR WEEDS OF VEGETABLE CROPS	IDENTIFY TYPES OF WEED IN THE VEGETABLE CROPS		
SESSION 3	VARIOUS TYPES OF WEEDS	DEMONSTRATION OF PROCEDURE FOR CONTROLLING WEEDS THROUGH THE APPLICATION OF PHYSICAL, CULTURAL , BIOLOGICAL AND CHEMICAL METHODS		
SESSION 4	TYPES OF WEED AND THEIR EFFICIENT CONTROL METHOD			
SESSION 5	ADVANTAGES AND DISADVANTAGES OF WEEDING METHOD			
SESSION 6	CRITICAL STAGES OF WEED CONTROL			
SESSION 7	USE OF DIFFERENT METHODS OF CONTROL WEEDS SUCH AS PLASTIC MULCH			
SESSION 8	PROCEDURE INVOLVED IN SOIL SOLARIZATTION			
UNIT -3	INTEGRATED PEST AND DISEASE MANAGEMENT IN VEGETABLE CROPS			
SESSION 1	IMPORTANCE OF SAFE PRODUCTION AND SAFE PRODUCE	IDENTIFY TYPES OF PEST IN VEGETABLE CROPS		
SESSION 2	VEGETABLE CROPS GROWING CONDITIONS (SOIL CONDITIONS, TEMPERATURE ETC)	IDENTIFY STAGES OF CROP AND PEST INCIDENCE		
SESSION 3	ADVANTAGE OF NATURAL ENEMIES	DIAGNOSIS SYMPTOMS AND EXTENT DAMAGE		
SESSION 4	COMMON DISEASE OF VEGETABLE CROPS ANF CONTROL MEASURES	UMDER STAND NATURAL ENEMIES OF THE PEST SUCH AS LADYBIRD, GROUND BEETLES		

SESSION 5	DESCRIBE PESTICIDES AND ITS USES	VIST TO A FARM / FIELD AND IDENTIFY EARLY SYMPTOMS OF VARIOUS TYPES OF DISEASE		
SESSION 6	USE RESISTANCE VARITIES	UNDERSTAND THE DIFFERENT MODE OF TRANSMISSIONS OF DISEASE FROM IMPLEMENTS , VECTOR, WATER, RAIN,		
SESSION 7	VARIOUS MECHANICAL CONTROL -TRAPS, STICKY , PLATES ETC	DEMONSTRATION OF PRUNING OF THE DISEASE AFFECTED PLANT PART		
SESSION 8	ADVANTAGES OF BIOLOGICAL CONTROL OF INSECTS, PEST AND DISEASES	ENLIST THE TYPES OF BIOLOGICAL, MECHANICAL AND CHEMICAL MEASURES OF DISEASE CONTROL		
SESSION 9	HANDLING TOOLS AND EQUIPMENTS			
SESSION 10	NATIONAL AND INTERNATIONAL STANDARDS ON PESTICIDE RESIDUES			
UNIT-4	HARVEST AND POST HARVEST MANAGEMENT IN SOLANACEOUS CROPS			
SESSION 1	DEFINE HARVESTING INDICES	HARVESTING TOOLS		
SESSION 2	DIFFERENTIATE BETWEEN MATURITY AND RIPENING	IDENTIFY THE TOOLS AND IMPLEMENTS USED IN HARVESTING		
SESSION 3	DEFFERENCIATE BETWEEN CLMATRIC AND NONCLIMATRIC	PROPERLY HARVESTING VEGETABLES OF GIVEN CROPS		
SESSION 4	TYPES OF MATURITY INDICES	HARVEST THE CROP AT APPROPRIATE STAGE		
SESSION 5	HARVESTING THE SOLANACEOUS CROP AT RIGHT STAGE	HARVEST THE CROP AT RIGHT TIME		
SESSION 6	METHODS OF HARVESTING	HARVEST THE CROP BASED ON USE AND DISTANCE FROM MARKET		
SESSION 7	TOOLS AND CONTAINER USED FOR HARVESTING	IDENTIFY THE APPROPRIATE HARVESTING METHOD		
SESSION 8	TIME OF HARVESTING	UNDERTAKE GRADING OF CROPS		
SESSION 9	PRECAION TAKEN DURING HARVESTING	UNDERTAKE PACKING OF CROPS		
SESSION 10	HARVESTING BASED ON THE DEMAND OF THE TYPE IN THE MARKET	MAINTAIN IDEAL STORAGE CONDITION		
SESSION 11	IDEAL TIME OF HARVEST	IDENTIFY THE RIGHT MARKET FOR SALES OF PRODUCE		
SESSION 12	PROPER HARVESTING METHODS	ANALYZE THE RIGHT TIME FOR SALE CONSIDERING THE PERIODICAL DEMAND FOR THE PRODUCE		
SESSION 13	GRADING CROPS BASED ON ITS SIZE, COLOUR AND QUALITY	COORDINATE AND NEGOTIATE WITH PROCUREMENT ASSISTANT OF THE BUYER FOR BEST PRICE		
SESSION 14	PACKAGING OF CROP WITH ITS APPROPRIATE MATERIAL AND METHOD			

SESSION 15	IDEAL STORAGE CONDITION			
SESSION 16	MARKET RATE OF THE CROP			
UNIT -5	BASIC FARM MANAGEMENT		THEORY	THIS PARTICULAR UNIT IS NOT AVAILABLE IN REFERENCE HANDBOOK ALSO THE LIMITATION OF TIME WE DECIDED TO REDUCE IT.
SESSION 1	DEFINE FARM MANAGEMENT	ENLIST THE DIFFERENT TYPES OF BUILDING AND OTHER SPACE REQUIRED AT A FARM	DEFINE FARM MANAGEMENT	
SESSION 2	DIFFERENT SPACE REQUIREMENT AT VEGETABLE FARM	ENLIST THE SELECTION CRITERIA FOR VEGETABLE CROP GROWING AT A FARM	DIFFERENT SPACE REQUIREMENT AT VEGETABLE FARM	
SESSION 3	VARIOUS TYPES OF BUILDING AT A VEGETABLE FARM	CALCULATE THE COST OF PRODUCTION	VARIOUS TYPES OF BUILDING AT A VEGETABLE FARM	
SESSION 4	SELECTION OF VEGETABLE CROPS FOR GROWING	ENLIST THE DIFFERENT MARKETING VEGETABLE SYSTEM	SELECTION OF VEGETABLE CROPS FOR GROWING	
SESSION 5	CROP ROTATION AND INTERCROPPING		CROP ROTATION AND INTERCROPPING	
SESSION 6	BENIFITS OF CROP ROTATION IN VEGETABLE CULTIVATION		BENIFITS OF CROP ROTATION IN VEGETABLE CULTIVATION	
SESSION 7	COST OF PRODUCTION		COST OF PRODUCTION	
SESSION 8	HOW TO CALCULATE COST OF PRODUCTION		HOW TO CALCULATE COST OF PRODUCTION	
SESSION 9	WHAT IS FARM RECORD KEEPING AND VARIOUS METHODS OF RECORD KEEPING		WHAT IS FARM RECORD KEEPING AND VARIOUS METHODS OF RECORD KEEPING	
SESSION 10	BASIC COUNTING PRINCIPLES		BASIC COUNTING PRINCIPLES	
SESSION 11	UNDERSTAND BASIC BOOK KEEPING PRINCIPLES		UNDERSTAND BASIC BOOK KEEPING PRINCIPLES	
SESSION 12	DESCRIBE THE DEMAND AND SUPPLY OF VEGETABLES		DESCRIBE THE DEMAND AND SUPPLY OF VEGETABLES	
SESSION 13	DIFFERENT OF VEGETABLE MARKETING SYSTEM		DIFFERENT OF VEGETABLE MARKETING SYSTEM	
SESSION 14	HOW PRICES ARE FLUCTUATE		HOW PRICES ARE FLUCTUATE	

SESSION 15	DESCRIBE THE DIFFERENT MENAS OF TRANSPORTATION IN MARKETING		DESCRIBE THE DIFFERENT MENAS OF TRANSPORTATION IN MARKETING	
			PRACTICAL	
			ENLIST THE DIFFERENT TYPES OF BUILDING AND OTHER SPACE REQUIRED AT A FARM	
			ENLIST THE SELECTION CRITERIA FOR VEGETABLE CROP GROWING AT A FARM	
			CALCULATE TTHE COST OF PRODUCTION	
			ENLIST THE DIFFERENT MARKETING VEGETABLE SYSTEM	