

Nepal Industrial and Business Sector
Occupational Standard (OS)
Of
Nursery and Landscape Gardener Level-2 (Foreman Level)



In jointly implemented by

Occupational Classification linkage with NSCO:

Occupational Title: Nursery and Landscape Gardener

Level : 2 (Foreman Level)

Sector : Agriculture

Sub – Sector : Floriculture

OS ID No. : AG-001-078

Major Group :6

Sub-major Group : 61

Minor Group : 611

Unit Group : 6113

Occupation Specific Employers Panel:

S.N.	Name	Designation	Organization
1.	Mr. Ram Prasad Yadav	Proprietor	Jaya ma Janaki Nursery
2.	Mr. Madan Bahadur Dhama	Proprietor	Shree Dhama Nursery
3.	Mr. Puspha Raj Panta	Proprietor	Gayatri Flowers decorators and plant house
4.	Mr. Suresh Bhakta Shrestha	Proprietor	The Standard Nursery
5.	Mr. Bishwomani Pokhrel	Proprietor	Sunrise Agri Tech
6.	Mr. Kumar Kasaju Shrestha	Proprietor	FAN / Kathmandu Nursery
7.	Mr. Pabitra Bhandari	Proprietor	Pabitra Agriculture Kause Queen
8.	Mr. Basanta Bahadur Baniya	Proprietor	Basanta Nursery
9.	Mr. Suman Maharjan	Proprietor	New Sunflower Nursery
10.	Mr. Ramesh Pandey	Proprietor	Lumbini Nursery Garden

Occupation Specific Expert Workers Panel:

S.N.	N/Ame	Designation	Organization
1.	Milan Kumar Chaudhary	Nursery and Landscape Technician	Karuna Nursery Udhog
2.	Cham Kant Gaudel	Nursery and Landscape Technician	Manakamana Nursery
3.	Binod Kumar Pun Magar	Nursery and Landscape Technician	New Sunflower Nursery
4.	Roshan Katuwal	Nursery and Landscape Technician	Hamro Garden Center
5.	Nabaraj Ghimire	Nursery and Landscape Technician	Om Nursery
6.	Hariram Khatri	Nursery and Landscape Technician	Thapa Nursery
7.	Nabin Karki	Nursery and Landscape Technician	Timilsina Nursery
8.	Bibash Timalina	Nursery and Landscape Technician	Unique Flora
9.	Pragati Baniya	Nursery and Landscape Technician	Basanta Nursery
10.	Kumar Khadka	Nursery and Landscape Technician	Kathmandu Nursery
11.	Chandeshwor Shah	Nursery and Landscape Technician	Jaya Ma janaki Nursery
12.	Dhan Bir	Florist and landscape technician	Park Garden

OS Development Workshop Facilitated by:

S.N.	Name	Designation	Organization
1.	Harischandra Sapkota	Facilitator	Freelance
2.	Srijana Katuwal	Co-facilitator / Recorder	Freelancer

OS Reviewed by Agriculture Sector Working Group:

S.N.	Name	Designation	Organization
1.	Mr. Govinda Ghemire	Advisor, Export Promotion Committee	FNCCI
2.	Mr. Krishna Prasad Adhikari	Vice President	CNI
3.	Ms. Shanta Basnskota Koirala	Secretary General, Woman Entrepreneur Committee	FNCSI
4.	Mr. Khemraj Kafle	Agriculture Sector Expert	ELMS

OS Verified by Technical Advisory Committee:

S.N.	Name	Designation	Organization
1.	Dr. Mahesh Nath Parajuli	Professor	KU
2.	Mr. Kul Bahadur Phadera	Under secretary	MoEST
3.	Mr. Pravat Uprety	Associate Prof.	TU
4.	Mr. Kishor KC	Statistics Officer	CBS
5.	Ms. Sarada Ghimire	Dy. Director	CTEVT, Curriculum Div.
6.	Mr. Keshab Ghimire	Dy. Director	CTEVT, NSTB

OS Recommended by ELMS Coordination Committee:

S.N.	Name	Designation	Organization
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1.	Mr. Rabin Kumar Shrestha	Focal Person/Ex EC member	FNCCI
2.	Mr. Sumit Kumar Kedia	Executive committee member	FNCCI
3.	Mr. Birendra Raj Pandey	Vice –president	CNI
4.	Mr. Megh Nath Neupane	Senior Consultant	CNI
5.	Ms. Shobha Gurung	Vice president	FNCSI
6.	Mr. Mohan Katuwal	Vice president	FNCSI
7.	Mr. Binayak Shah	Senior-vice president	HAN
8.	Mr. Sajjan Shakya	Secretary General	HAN
9.	Mr. Nicholas Pandey	Senior Vice President	FCAN
10.	Mr. Roshan Dahal	General Secretary	FCAN

OS Approved by ELMS Board:

S.N.	N/Ame	Designation	Organization
1.	Mr. Shekhar Golchha	President	FNCCI
2.	Mr. Vishnu Kumar Agarwal	President	CNI
3.	Mr. Shyam Prasad Giri	President	FNCSI
4.	Ms. Srijana Rana	President	HAN
5.	Mr. Rabi Singh	President	FCAN
6.	Mr. Chandra Kanta Adhikari	Member Secretary	ELMS

Occupational Description:

Nursery and Landscape Gardner is a multi-task skilled technician for nursery growing and landscaping and decoration. Gardening is the practice of growing and cultivating plants and decorating lands for aesthetic purpose as part of horticulture. This occupation includes land preparation, propagation, manure and fertilizers application, plant protection, training and pruning of trees, shrubs and herbs, irrigation and drainage, development of simple garden features, repairing, cleaning and decoration of garden features and space, marketing of products and services, profit-loss calculation and record keeping. This technician also needs to monitor the health of all plants, keeping green spaces and walkways clear of debris and litter and their recycling.

Additionally, Nursery and Landscape Gardner generally work in outdoor and indoor environment of nursery and landscape garden, can be involve in nurseries, local parks, hotels, private houses/farms, governmental premises and other official compounds and care of entire aesthetics like walls, fences, ponds, trellises, water fountain, decking areas, path, flower beds and other garden features. This occupation is blooming in urban and semi-urban context. Till the date, workers enter as a labor without prior skills and technical knowledge and after a safety wear and training of few months or years they became a semi skilled workers. Due to the enlargement of this nursery and landscaping business in the country has great opportunities to hunt jobs in this sub-sector. The investors of this sub-sectors are facing shortage of skilled work force for the extension of their business.

The occupation Nursery and Landscape Gardner Level-2 (Foreman Level) describes the individual with required knowledge for applying basic method of performance, knowledge to select tools, equipment and materials appropriate for the given task. He/she possess the ability to apply basic theory and principle of the common duties and tasks to solve the given assignment. Further, the performer has ability to act independently in simple core skills and can work under the supervision of supervisor for some higher level of tasks to ensure the technicality as a co-worker. This individual has to operate machines and supervises assistant worker and labour in the team. Nepal's industrial & business sector expects individual reserving set level of skills, knowledge and attitudes which reflect for the improvement of production/services and workers' productivity.

Occupational and environmental safety:

Some insecticide/pesticides (chemical poisons) used in this occupation are hazardous which affects not only other plants but also affects on animals and environment. Soil deterioration is enhanced by the application of chemical fertilizers. The Gardner must give priority to the wise application of organic pesticides and manure to preserve the quality of soil and environment. Further, the waste disposal of unused fertilizers, pesticides, plastics, and other undegradable materials and recycling of degradable organic materials are also prime importance. Similarly, he/she must use personal protective equipment while using chemical fertilizers and also apply Occupational safety and health measures as prescribed.

Minimum job entry requirement:

As per the labour law the Nepalese citizen aged 18 years and above and competent as per this occupation standards are eligible

to enter in this occupation. To cope the required knowledge and tasks performance standard of this occupation 10th grade graduates or equivalent qualification are suggested to enter in the skills and knowledge impartation process.

Worker's traits:

The desired workers traits for the Nursery and Landscape Gardener are mentally and physically fit and strong, having good sense of humor, disciplined and positive attitudes, prompt responsive to the assignment, good team players, high level of passionate, courteous, can be enjoyed to work with herbs, shrubs and trees, agricultural tools, equipment and machineries. Further, creative in new nursery and landscaping technology, like to work in blue-collar environment of soil, manure, fertilizers, seeds, insecticides and pesticides. Additionally, individual having friendly behaviors, good interpersonal skills and exhibiting strong organizational loyalty and professional ethics are essential attributes needed to enter in this occupation.

Occupational career path:

- **Above the Position-** Senior Nursery and Landscape Gardener: Level-3 (Supervisor Level)
- **Current Position-** Nursery and Landscape Gardener: Level-2 (Foreman Level)
- **Below the Position-** Assistant Nursery and Landscape Gardener: Level-1 (Assostant Level)

Abbreviation used:

Task Level	Rating number and their meaning
Significance	: 1- Important; 2- Moderately important; 3-Highly important.
Ease	: 1- Easy; 2-Moderately easy; 3-Very easy.
Occurance	: 1-Rarely occurred; 2-Moderately occurred; 3-Frequently occurred.

N/A	: Not Applicable
OS	: Occupation Standard
FNCCI	: Federation of Nepalese Chamber of Commerce & Industries
CNI	: Confederation of Nepalese Industries
FNCSI	: Federation of Nepalese Cottage & Small Industries
FCAN	: Federation of Construction Association Nepal
HAN	: Hotel Association Nepal
ELMS	: Employers Led Market Secretariate
SWG	: Sector Working Group
TAC	: Technical Advisory Committee
SOP	: Standarfd Operating Procedure
KU	: Kathmandu University
MoEST	: Minsistry of Education, Science & Technology
TU	: Tribhuvan University
CBS	: Central Beaurd of Stastics
CTEVT	: Council of Technical Education and Vocational Training
NSTB	: National Skill Testing Board
Div.	: Division

List of duties and tasks of the Nursery and Landscape Gardner: level-2 (Foreman Level)

Soft Skills Area			
SN	Duty statements	SN	Task statements
1.	Demonstrate positive attitudes	1.	Manage time for occupational assignment
		2.	Exhibit empathy with customer and team members
		3.	Keep work ethics of Nursery and Landscape Gardner
		4.	Respond assignment received
		5.	Receive / give feedback and feed forward
2.	Exhibit interpersonal skills	6.	Listen customers' demands, complaints and other information
		7.	Communicate with others about products and services
		8.	Coordinate with customers and team members
		9.	Perform net-working with customers, team and stakeholders
3.	Demonstrate occupational leadership	10.	Exhibit behavior of team player among the members
		11.	Make decision at different situation of the occupation
		12.	Solve problem encountered in the occupation
		13.	Take responsibility and accountability of assignment
		14.	Develop work plan of Nursery and Landscape Gardner
Core Skills Area			
4.	Prepare land and growing media for sowing and plantation	15.	Perform layout of nursery bed
		16.	Perform field layout of landscaping area
		17.	Take soil sample for test
		18.	Prepare planting media mixture
		19.	Prepare flat nursery bed
		20.	Prepare raised bed
		21.	Prepare sunken bed
		22.	Prepare land for planting area
		23.	Level surface of landscap
		24.	Prepare pit for plantation
5.	Propagate herbs, shrubs and trees of the garden	25.	Sow seeds in line
		26.	Broadcast seed
		27.	Propagate by hard-wood cutting
		28.	Propagate by soft-wood cutting
		29.	Propagate by leaf cutting
		30.	Propagate by bulb or sucker
		31.	Propagate by air layering
		32.	Propagate by ground layering
		33.	Propagate by mount layering
		34.	Propagate by T-Budding
		35.	Propagate by V-grafting

		36. Propagate by tongue grafting
		37. Propagate by inarching
		38. Separate grafted plant from mother plant
6.	Apply manure, fertilizer and transplantation of saplings	39. Calculate manure and fertilizer dose
		40. Apply basal dose
		41. Apply liquid manure or fertilizers
		42. Top dress fertilizers
		43. Transplant saplings
		44. Perform repotting
		45. Transplant instant turf
7.	Perform irrigation and drainage	46. Irrigate plants by sprinkle
		47. Irrigate small plants by sprayer
		48. Irrigate plants by watering can/flexible pipe with nozzle
		49. Drain excess / stagnant water
8.	Develop garden features, training and pruning	50. Develop lawn
		51. Repair garden features
		52. Perform lawn mowing
		53. Perform pruning
		54. Train plants by using wires structure
		55. Train plant by using sticks/rope
		56. Train plants by using frame
9.	Perform plant protection	57. Control pest by physical methods
		58. Calculate dose of pesticides
		59. Spray liquid pesticide by hand compression sprayer
		60. Apply bordeaux mixture/paste
		61. Control insect by pheromone trap
		62. Cover plant/bed by insect isolation net
		63. Protect individual plant by fixing plant guard
		64. Treat seeds by fungicides
		65. Treat soil by solarization method
		66. Place lime trap or foot wash in the main entrance
10.	Perform waste management and cleaning	67. Weed undesired plants
		68. Prepare compost by pit method
		69. Manage non-degradable waste
		70. Color the flower pot or vase
		71. Perform sweeping of path, roof and space
		72. Perform washing of garden features
11.	Perform decoration and marketing	73. Perform costing of products and services

	74. Decorate indoors space by ornamental plants
	75. Decorate outdoors space by ornamental plants
	76. Display products in exhibition
	77. Collect customer demand
	78. Perform packaging/wrapping of products
	79. Deliver plants and products
	80. Record debit / credit
	81. Calculate profit/loss
12. Perform storage and record keeping	82. Store plants
	83. Store seeds and propagating materials
	84. Store tools, equipment and machinaries
	85. Store chemicals and fertilizers
	86. Develop forms and format for record keeping
	87. Keep production, sells and stock records
	88. Keep inventory of the tools and equipment

Task Competency Standard

Soft Skills Area:			
Task number:	1		
Task statement:	Manage time for occupational assignment		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition <ul style="list-style-type: none"> Regular duty hours and work plan. Task: Manage time for occupational assignment. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Exhibited punctuality; Task is completed within the given time frame; Task is performed as per the given work plan. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of time management; Work priority and rescheduling as per the urgency; Points to be consider while managing time during duty hours. 		

Task number:	2		
Task statement:	Exhibit empathy with customers and team members		
Level of task:	Significance	Ease	Occurrence
	2	2	1
Terminal performance standard	Given Condition <ul style="list-style-type: none"> Any incident (Problems, awkward situation or unusual situation) of customer or team members. Task: Exhibit empathy with customers and team members. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Expressed feelings (body language, gesture, posture, facial expression) as per the given incident during the performance. Acted accordingly as per the feelings. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance empathy; Different situation of empathy presentation; Points to be consider while exhibiting empathy. 		

Task number:	3		
Task statement:	Exhibit work ethics of the Nursery and Landscape Gardner		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given ConditionM <ul style="list-style-type: none"> Occupational ethics and code of conduct of organization or Standard operating procedure (SOP); Task: Keep work ethics Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Given occupational ethics and organizational code of conduct is followed; SOP is followed; The performer is satisfied and motivated in the occupation. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance work ethics; Occupational work ethics; Code of conducts of organization or SOP. 		

Task number:	4		
Task statement:	Respond assignment received		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Any assignment or task order Task: Respond assignment Time: N/A Standard/Criteria: <ul style="list-style-type: none"> The task is responded promptly; Assignment is noted; Assignment is completed within the agreed time. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of timely response; Time requirement of assignment. Manner of interaction with others; Types of work and urgency. 		

Task number:	5		
Task statement:	Receive / give feedback and feed forward		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition <ul style="list-style-type: none"> Any assignment or task order Task: Receive / give feedback and feed forward Time: N/A Standard/Criteria: <ul style="list-style-type: none"> The feedback is listen actively; Noted feed forward and feedback; Firstly given positive feedback objectively; Secondly given developmental feedback objectively; Digestible amount of feedback is considered. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of feed forward and feedback; Types of feedback; Techniques of receiving and giving feed forward and feedback. 		

Task number:	6		
Task statement:	Listen customers demand, complaints or others information		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition <ul style="list-style-type: none"> Customer or team member is complaining / reporting Task: Listen customers demand, complaints or others information Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Listened actively; Nodded the head during listening; Asked for clarification; Noted the complaint or reporting; Reporter or complainer is satisfied with his/her listening attitude. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of active listening; Differences between active listening and hearing; Techniques of active listening. 		

Task No:	7		
Task statement:	Communicate with others about products and services		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition <ul style="list-style-type: none"> Information to be communicated and Relevant audience Task: Communicate with others about products and services Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Voice is listen clear and audible; Vocal is pleasant; Visual expressions are natural; Information shared is concise and complete. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of effective communication; Effective communication model; Types of communication; Means of communication; Techniques of effective communication. 		

Task number:	8		
Task statement:	Coordinate with customers, team members and stakeholders		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal serformance standard	Given Condition <ul style="list-style-type: none"> Agenda or issue or information to be coordinated, Team members or relevant stakeholders and Means of coordination. Task: Coordinate with customers, team members and stakeholders Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Coordination is done as per the given agenda, issues or information to be shared; Coordination is done as per the target receivers; Coordination is done as per the given means of coordination. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance coordination; Means of coordination; Techniques of effective coordination. 		

Task number:	9		
Task statement:	Perform net-working with customers, team and stakeholders		
Level of task:	Significance	Ease	Occurrence
	3	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Assignment and Job description. Task: Perform net-working with customers, team and stakeholders Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Service delivery is met the standard of the organization; Additional service procurement is easily available. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of networking; Means of networking; Techniques of effective networking. 		

Task number:	10		
Task statement:	Exhibit behavior of team player among the members		
Level of task:	Significance	Ease	Occurrence
	2	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Assignment and • Working team. Task: Exhibit behavior of team player among the members Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Team members are encouraged; • Ownership is taken collectively; • Cooperativeness and assertiveness are possessed; • Responsibilities and accountabilities are taken. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of team work; • Characteristics of good team player; • Phases of team formation; • Tips of effective team work. 		

Task number:	11		
Task statement:	Make decision at different situation of the occupation		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Any assignment with possible unusual situation during the process and • Problem or case and time frame Task: Make decision at different situation of the occupation Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Decision is taken within given time frame; • Desired result is achieved; • Decision as considered efficient use of time, money and resources. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of decision making; • Simple decision making process. 		

Task number:	12		
Task statement:	Solve problem encountered in the occupation		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Any problem or case and time frame Task: Solve problem encountered in the occupation. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Problem is solved within the given time frame; • Desired result is achieved; • Considered efficient use of time, money and resources. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of problem solving; • List of potential problems in the occupation (Hotel Maintenance Technician); • General problem solving techniques. 		

Task number:	13		
Task statement:	Take responsibility and accountability of the assignment		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Assignment • Job description Task: Take responsibility and accountability of the assignment Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Dedication to the assignment is exhibited; • Attempted to complete the assignment as per the set standard; • Ownership of the results are taken. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of responsibility and accountability; • Importance of responsibility and accountability for hotel maintenance technician. 		

Task No:	14		
Task statement:	Develop work plan of Nursery and Landscape Gardener		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • List of tasks and their priority order; • Planning forms and format; • Job description Task: Develop work plan of Nursery and Landscape Gardener Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Plan is developed as per the given tasks; • Planning is done in given forms and format; • Tasks are planned based on priority order or sequence; • Considered efficient use of resources (time, money, and people). 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of planning; • Importance of planning; • Different planning tools; • Points to be considered while planning; 		

Core Skills Area			
Task number:	15		
Task statement:	Perform layout of nursery bed		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Size of beds; • Types of beds (raised or sunken or flat). Task: Perform layout of nursery bed in the field Time: 45' /layout Standard/Criteria: <ul style="list-style-type: none"> • Layout is done in the given site; • Nursery bed is prepared as per the given size; • Layout is matched with given types of nursery bed. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of nursery beds; • Types of nursery beds; • Points to be considered during layout of nursery bed. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the tool safely, apply safety wear. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE, Paper, pencil, eraser, spade, pegs, rope, measuring tape. 		

Task number:	16		
Task statement:	Perform Layout of landscaping area		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location of landscaping; • Land area to be covered; • Desired design. Task: Perform field layout of landscaping area. Time: N/A (depending on size of land) Standard/Criteria: <ul style="list-style-type: none"> • Layout is in the given site; • Layout is as per the given land area to be covered; • Layout matches with the topography of the given land; • Layout is as per the given design. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of landscaping; • Types of landscaping and their merits and demerits; • Points to be considered during layout of landscaping. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the tool safely, apply safety wear. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, Paper, pencil, eraser, spade; • Pegs, rope, measuring tape and marking color. 		

Task number:	17		
Task statement:	Take soil sample for testing		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Site or location of sampling; Land area to be covered; Task: Take soil sample for testing Time: 30' (can be varied depending on size of land) Standard/Criteria: <ul style="list-style-type: none"> Sample is taken from the given site or land; Sampling soil is pulverized; Sample size is taken 200 gm; Sample is packed in transparent polybag; Levelling is included date of sample taken, location, previous plant, plant to be planted, name of company or gardner or farmer. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of soil sample; Quantity of sample and information of levelling; Standard procedure of soil sampling. 		
Safety/precaution	<ul style="list-style-type: none"> Handle the tool safely, apply safety wear 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear, Paper, permanent marker, spade; Soil auger, khurpi, poly bag, plastic sheet, stapler. 		

Task number:	18		
Task statement:	Prepare planting media		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Types of plant to be planted Indoor or outdoor condition Ratio of mixture; Volume required. Task: Prepare planting media. Time: N/A (depending on volume of media). Standard/Criteria: <ul style="list-style-type: none"> Media is as prepared per the types of plant to be planted; Matched with the indoor or outdoor condition; Mixture is prepared as per the given ratio; The volume is prepared as per the requirement; The media is pulverized. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of soil media; Mixing materials and their ratio; Requirement of indoor and outdoor plant; Standard procedure preparing planting media. 		
Safety/precaution	<ul style="list-style-type: none"> Handle the tool safely, apply safety wear, prepare media in shade 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear, spade, shovel, soil, trowel, sack, sand, cocopit; Compost, wheelbarrow and lime and zypsum as per the soil and sand quality. 		

Task number:	19		
Task statement:	Prepare flat nursery bed		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location, or nursery layout; • Required size of the beds. Task: Prepare flat nursery bed Time: 30' (for 1m.×3m. sized bed) Standard/Criteria: <ul style="list-style-type: none"> • Bed is prepared flat; • Length is given as per the requirement; • Width is given 1 meter; • Soil is pulverized; • Bed is made free from unwanted materials. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of flat nursery bed; • Merits and demerits of flat nursery bed; • Appropriate seasons for preparing flat bed; • Standard procedure of preparing flat nursery bed. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the tool safely, apply safety wear. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, spade, trowel, compost, and lime and gypsum as per the soil type, • Measuring tape, rope and pegs. 		

Task number:	20		
Task statement:	Prepare raised bed		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location, or nursery layout; • Required size of the beds. Task: Prepare raised nursery bed Time: 30' (for 1m.×3m. sized and can be varied depending on the size of the beds) Standard/Criteria: <ul style="list-style-type: none"> • Bed is raised up to 10-15 cm above the ground level; • Length is as per the requirement; • Width is 1 meter; • Soil is pulverized and surface is levelled • Bed is free from unwanted materials. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance raised nursery bed; • Appropriate time and season for raised nursery bed; • Standard procedure of preparing raised nursery bed. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the tool safely, apply safety wear. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, spade, shovel, compost; • Lime and gypsum as per the soil type, measuring tape, rope, pegs. 		

Task number:	21		
Task statement:	Prepare sunken bed		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Site or location, or nursery layout; Required size of the beds. Task: Prepare raised nursery bed Time: 30' (for 1m.×3m. sized and can be varied depending on the size of the beds) Standard/Criteria: <ul style="list-style-type: none"> Bed is sunken up to 10-15 cm depth from the ground level; Length is given as per the requirement; Width is given 1 meter; Soil is pulverized and surface is levelled; Bed is made free from unwanted materials. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance sunken nursery bed; Appropriate seasons and time to prepare sunken nursery bed; Standard procedure of preparing sunken nursery bed. 		
Safety/precaution	<ul style="list-style-type: none"> Handle the tool safely, apply safety wear. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear, spade, shovel, trowel, compost; Lime and gypsum as per the soil type, measuring tape, rope and pegs. 		

Task number:	22		
Task statement:	Prepare land for planting area.		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Site or location or layout of garden or nursery; Plant species to be planted (Indoor and outdoor plant); Area needed. Task: Prepare land for planting area. Time: 30' (for 1m.×3m. sized land and can be varied depending on the size of the land) Standard/Criteria: <ul style="list-style-type: none"> Prepared land is as per the given layout; Prepared land is pulverised; Land surface is levelled; Land preparation is as per the given plant species; The land prepared is as per the given requirement; Prepared land is free from unwanted materials. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of land preparation for planting; Knowledge on land requirement for different plant species (Indoor and outdoor plant); Standard procedure of preparing land for planting. 		
Safety/precaution	<ul style="list-style-type: none"> Handle the tool safely, wear safety wear, apply chemicals safely 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear, spade, trowel, compost/manure; Lime and gypsum as per the soil type, measuring tape; Rope, pegs, fungicides and fork. 		

Task number:	23		
Task statement:	Level surface of landscape		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location or outdoor / landscape condition; • Layout of garden or • Design of landscape requirement; Task: Level surface of landscape Time: N/A (Can be varied depending on area to be levelled) Standard/Criteria: <ul style="list-style-type: none"> • Prepared land is as per the given layout; • Land surface is levelled and uniform; • Levelling is done as per the given requirement or design; • Levelled land is free from unwanted materials.(Unwanted) 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of levelling of landscape; • Levelling requirement of landscaping for different features of garden; • Standard procedure of levelling landscaping area. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the tool safely, apply safety wear. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, hand cultivator, pik, spade, trowel, shovel, wheelbarrow; • Measuring tape, rope, pegs, and fork. 		

Task number:	24		
Task statement:	Prepare pit for plantation		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location or outdoor condition; • Layout of garden; • Size of pit or species of plant to be planted. Task: Prepare pit for plantation. Time: 2 hrs (for 1 cubic meter and can be varied depending on the size of the pit). Standard/Criteria: <ul style="list-style-type: none"> • The pit is prepared as per the given site and size; • The surface of the pit is made smooth and uniform; • Top soil and sub soil is separately kept in the side of the pit; • The composition of filling mixture is made as per the given plant species; • Finally marked by a peg in the center of the prepared pit. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of planting pit; • Soil pH and their correction; • Manure requirement for different species of plant; • Standard procedure of digging and filling of pit for planting purpose. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the tool safely; • Apply safety wear. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, pik, spade, trowel, shovel; • Wheelbarrow, measuring tape, rope, compost and pegs. 		

Task number:	25		
Task statement:	Sow seeds in line		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Prepared land or prepared seed bed; • Species of seeds to be sowed. Task: Sow seeds in line. Time: 20' (for 1×3 meter sized seed beds and can be varied depending on the area) Standard/Criteria: <ul style="list-style-type: none"> • Seed sown in the given bed; • R×R and P×P distance is maintained as per the plant species; • The sowing depth is maintained as per the seed size; • Seed is covered by pulverized soil; • Mulched the seeded bed and irrigated. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of line sowing; • Merits and demerits of line sowing; • Points to be consider while sowing seeds in line; • Standard procedure of line sowing. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, Hoe, rope, measuring tape, seeds; • Watering cane/sprayer, water and mulch. 		

Task number:	26		
Task statement:	Broadcast seed		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Prepared land or prepared seed bed; • Species of seeds to be broadcasted. Task: Broadcast seed Time: 5" (for 1×3 meter sized seed beds and can be varied depending on the area) Standard/Criteria: <ul style="list-style-type: none"> • Seed is sown in the given land or bed; • Seeds are broadcasted are uniform; • Seeds are covered by pulverized soil ; • Seed bed is mulched and irrigated • Depth of cover soil is considered as per the size of seeds. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of broadcasting of seeds; • Merits and demerits broadcasting; • Points to be consider while broadcasting seeds; • Standard procedure of broadcasting seeds. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle the seeds safely (seeds may be treated by chemical). 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety ware, seeds, watering cane/sprayer, water, mulch. 		

Task number:	27		
Task statement:	Propagate by hard-wood cutting		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> • Site or location; • Mother plant and plant species; • Prepared land or prepared nursery bed or poly bags; • Demand of saplings or requirement. <p>Task: Propagate by hard-wood cutting Time: 5' (for one cutting and can be varied depending on the demand of sapling) Standard/Criteria:</p> <ul style="list-style-type: none"> • Given length of cut is 6-9 inch; • Prepared cut is 2-3 budded; • Cutting is planted vertically; • Soil is compacted after planting; • Irrigated after planting of cut. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of cutting and hardwood cutting; • Merits and demerits of hardwood cutting; • Species applicable to adopt hardwood cutting; • Right seasons of hard woodcutting; • Standard procedure of hardwood cutting. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety ware; • Handle the secature safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE, mother plant, secature, saw; • Media mixture or prepared land, watering cane, water. 		

Task number:	28		
Task statement:	Propagate by soft-wood cutting		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> • Site or location; • Mother plant and plant species; • Prepared land or prepared nursery bed or poly bags; • Demand of saplings or requirement. <p>Task: Propagate by soft-wood cutting. Time: 5' (for one cutting and can be varied depending on the demand of sapling). Standard/Criteria:</p> <ul style="list-style-type: none"> • Given length of cut is 3-5 inch; • Cut piece is of 2-3 budded or eye; • Cutting is planted vertically; • Soil is compacted after planting; • Irrigated after planting of cut. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of soft-wood cutting; • Merits and demerits of soft-wood cutting; • Species applicable to adopt soft-wood cutting; • Right seasons of soft-wood cutting; • Standard procedure of soft-wood cutting. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear, handle the secature safely 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, mother plant, secature or cutting tool set; • Media mixture or prepared land, watering cane, water. 		

Task number:	29		
Task statement:	Propagate by leaf cutting		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant and plant species; • Prepared land or prepared nursery bed or poly bags; • Demand or requirement of saplings. Task: Propagate by leaf cutting. Time: 5' (for one cutting and can be varied depending on the demand of the sapling). Standard/Criteria: <ul style="list-style-type: none"> • 2-3 inch is visible above the ground; • Cutting is planted as per the species type; • Soil is compacted after planting; • Irrigated after planting of cut. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of leaf cutting; • Merits and demerits of leaf cutting; • Type of leaf cutting; • Species applicable to adopt leaf cutting; • Right seasons of leaf cutting; • Standard procedure of leaf cutting. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear, handle the secature or cutting tool safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, mother plant, secature or cutting tool set; • Media mixture or prepared land, watering cane and water. 		

Task number:	30		
Task statement:	Propagate by bulb or sucker		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant and plant species; • Prepared land or prepared nursery bed or poly bags or pits; • Demand or requirement of saplings. Task: Propagate by bulb or sucker. Time: 5' for bulb and 15' for sucker (Can be varied depending on the demand of the sapling). Standard/Criteria: <ul style="list-style-type: none"> • Sucker/bulb is made free from injury; • Single sucker/bulb is planted; • Sucker's tip is opened in the air; • Root part of sucker is covered; • Bulb is kept completely under the soil surface; • Planting distance is maintained as per the species; • Soil is compacted and irrigated after planting. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of sucker and bulb; • Merits and demerits of propagating by sucker and bulb; • Species applicable to propagate by sucker and bulb; • Planting distance of different species propagated by sucker and bulb • Right seasons of propagation by sucker and bulb; • Standard procedure of prppagating by sucker/bulb. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle the tool safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE, Mother plant or bulb or sucker; • Cutting tool set, spade, media mixture or prepared land, watering cane, water. 		

Task number:	31		
Task statement:	Propagate by air-layering		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant / plant species; • Demand or requirement of saplings. Task: Propagate by air layering. Time: 20' for one layer (Can be varied depending on the demand of the sapling). Standard/Criteria: <ul style="list-style-type: none"> • Layered branch is of one year old; • Layered branch is pencil sized for commercial purpose; • Bark and cambium layer is removed 3-4 inch; • Moss is moistened and covered the bark removed parts; • Distribution of moss is distributed uniformly; • Wrapping by plastic sheath is air tight. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of air layering; • Merits and demerits of air layering; • Species applicable to propagate by air layering; • Right seasons of air layering; • Standard procedure of air layering. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear, Handle the tool and mother plant safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE, Mother plant, grafting knife, secateurs, layering tape; • Plastic sheath, rooting hormone, moss or media mixture, jute rope, water. 		

Task number:	32		
Task statement:	Propagate by ground layering		
Level of task:	Significance	Ease	Occurrence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant / plant species; • Demand or requirement of saplings. Task: Propagate by ground layering Time: 15' for one layer (Can be varied depending on the demand of the sapling) Standard/Criteria: <ul style="list-style-type: none"> • Layered branch is one year old; • Layered branch is pencil sized; • Bark and cambium layer is removed 3-4 inch; • Branch is pulled in the ground and fixed; • Bark removed part of the branch is placed under the ground or soil 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of ground layering; • Merits and demerits of ground layering; • Species applicable to propagate by ground layering; • Seasons of ground layering; • Standard procedure of ground layering. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle the tool safely, handle mother plant and branch safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, mother plant; • Grafting knife, secateurs, rooting hormone, land space, jute rope, water. 		

Task number:	33		
Task statement:	Propagate by mount layering		
Level of task:	Significance	Ease	Occurrence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant / plant species that can be propagated by mount layering; • Demand or requirement of saplings. Task: Propagate by mount layering. Time: 15' for one mount (Can be varied depending on the demand). Standard/Criteria: <ul style="list-style-type: none"> • Mother plant is removed 6" from ground level; • Soil is mounted over the stump and pressed. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of mount layering; • Merits and demerits of mount layering; • Species applicable to propagate by mount layering; • Seasons of mount layering; • Standard procedure of mount layering. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply Safety wear; • handle the tool safely, handle stump safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • safety wear, mother plant; • Prounning saw, secature, spade, shovel and media mixture. 		

Task number:	34		
Task statement:	Propagate by T-budding		
Level of task:	Significance	Ease	Occurrence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant / plant species that can be propagated by T-budding; • Demand or requirement of saplings. Task: Propagate by T-budding. Time: 15' for one budding (Can be varied depending on the demand). Standard/Criteria: <ul style="list-style-type: none"> • Budding is prepared in T-shape cut; • Bud eye is kept open in the air; • Bud patch is tightened by budding tape from down to up; • Wrapping is done waterproof and fixed; • Wrapping is 1" up and down from the union; • Root stock is made free from injuries. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of T-budding; • Merits and demerits of T-budding; • Species applicable to propagate by T-budding; • Seasons of T-budding; • Standard procedure of T-budding. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle the tool safely; • Handle bud and rootstock safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE, mother plant, rootstock; • Budding knife or • Budding kit set and secature. 		

Task number:	35		
Task statement:	Propagate by V-grafting		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant / plant species that can be propagated V-grafting; • Demand or requirement of saplings. Task: Propagate by V-grafting. Time: 10' for one graft (Can be varied depending on the demand). Standard/Criteria: <ul style="list-style-type: none"> • Rootstock and scion are of pencil sized; • Length of the scion is ensured 5 -10''; • Union is V-shaped; • Wrapping is waterproof and fixed; • Wrapping is 1" up and down from the union; • Root stock is made free from branches and leaves. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of V-grafting; • Merits and demerits of V-grafting; • Species applicable to propagate by V-grafting; • Right seasons of V-grafting; • Standard procedure of V-grafting. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle the tool safely, handle scion and rootstock safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, mother plant, rootstock; • Grafting kit, grafting tape and secature. 		

Task number:	36		
Task statement:	Propagate by tongue grafting		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant / plant species that can be propagated tongue grafting; • Demand or requirement of saplings. Task: Propagate by tongue grafting Time: 10' for one graft (Can be varied depending on the demand) Standard/Criteria: <ul style="list-style-type: none"> • Rootstock and scion are of pencil size; • Length of the scion is given 5-10''; • Union is tongue shaped; • Graft union is wrapped down to up by grafting tape; • Wrapping is made waterproof and fixed; • Wrapping is 1" up and down from the union; • Root stock is made free from branches and leaves. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of tongue grafting; • Merits and demerits of tongue grafting; • Species applicable to propagate by tongue grafting; • Right seasons of tongue grafting; • Standard procedure of tongue grafting. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear ; • Handle the tool safely, handle scion and rootstock safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, mother plant, rootstock; • Grafting kit, grafting tape and secature. 		

Task number:	37		
Task statement:	Propagate by inarching		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant / plant species that can be propagated narching; • Demand or requirement of saplings. Task: Propagate by inarching. Time: 15' for one inarch (Can be varied depending on the demand) Standard/Criteria: <ul style="list-style-type: none"> • Thickness of rootstock and scion is marker pen sized; • Length of the rootstock and scion are 1-1.5' from the union; • Graft union is wrapped up by grafting tape; • Wrapping is made waterproof and fixed; • Wrapping is 1" up and down from the union; • Root stock upper part is twisted; • The lower part of scion is twisted. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of inarching; • Merits and demerits of inarching; • Species applicable to propagate by inarching; • Seasons of inarching; • Standard procedure of inarching. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle the tool safely, handle scion and rootstock safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear; • Mother plant, rootstock, grafting kit, grafting tape and secature. 		

Task number:	38		
Task statement:	Separate grafted plant from mother plant		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Mother plant with grafting / grafted mother plant; • Time of separation. Task: Separate grafted plant from mother plant Time: 5' for one inarch (Can be varied depending on the volume of saparation) Standard/Criteria: <ul style="list-style-type: none"> • Grafted plant is separated at one inch below the graft union from the mother plant; • The tips of rootstock is removed from one inch above the graft union; • The separated plant is stored in shed. 		
Related technical knowledge	<ul style="list-style-type: none"> • Purpose of graftage separation from the mother plant; • Common time and season of separation; • Standard procedure of graftage separation. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle the tool safely; • Handle graftage safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety ware; • Grafted mother plant; • Secature, store area or • Shed to store the saplings. 		

Task number:	39		
Task statement:	Calculate manure and fertilizer dose		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Fertility status of soil; Land area that needs to be manured and fertilized; Recommended dose of manure and fertilizers; Types of manure and fertilizers needs to be added. Task: Calculate manure and fertilizer dose Time: 10' for one item (Can be varied depending on the types and volume) Standard/Criteria: <ul style="list-style-type: none"> The identified dose of manure and fertilizer is matched with the manure and fertilizer dose identified by the supervisor. 		
Related technical knowledge	<ul style="list-style-type: none"> Fertilizers and manure dose recommended by research; Nutrient content (%) in the common manure and fertilizers; Common methods of manure and fertilizer dose calculation. 		
Safety/precaution	<ul style="list-style-type: none"> N/A 		
Tools, equipment and materials	<ul style="list-style-type: none"> Pen; PaSafety wear rs; Calculator. 		

Task number:	40		
Task statement:	Apply basal dose		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Calculated amount of manure and fertilizers; Land area that needs to be manured and fertilized; Prepared land that is ready to apply manure and fertilizers; Task: Apply basal dose. Time: N/A (Can be varied depending on the types manure and land area). Standard/Criteria: <ul style="list-style-type: none"> The distribution of manure and fertilizer is ensured uniform; The soil is mixed uniformly. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of basal dose; Points to be consider while applying basal dose; Common methods of basal dose application. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety ware; Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear, bucket; Fertilizers, manure; Weighing balance; Doko, spade; Rake, power tiller (if the land is large size). 		

Task number:	41		
Task statement:	Apply liquid manure or fertilizers		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Calculated amount of liquid manure and fertilizers; Land area that needs to be apply liquid manure and fertilizers; Plant species or types of plant that needs to apply liquid manure and fertilizers; Task: Apply liquid manure or fertilizers. Time: N/A (Can be varied depending on the plant types and land area). Standard/Criteria: <ul style="list-style-type: none"> The manure and fertilizer is applied uniformly; Plant leaves are wet; Applied in clean water; Safety wear is worn while spraying; Sprayed towards the wind direction. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of liquid manure fertilizers application; Points to be consider while applying liquid manure and fertilizers; Common methods of application of liquid manure and fertilizers. 		
Safety/precaution	<ul style="list-style-type: none"> Apply PPE, handle tools safely; Spray towards the wind direction (if it is windy hours). 		
Tools, equipment and materials	<ul style="list-style-type: none"> PPE, Bucket, liquid fertilizers, liquid manure; Weighing balance, sprayer, watering cane, safety eye glasses and mask. 		

Task number:	42		
Task statement:	Top dress fertilizers		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Calculated amount of manure and fertilizers to be top dressed; Land area that needs to be top dressed; Plant species or types of plant that needs to be top dressed; Task: Top dress fertilizers. Time: N/A (Can be varied depending on the plant types and land area). Standard/Criteria: <ul style="list-style-type: none"> The top dressing of manure and fertilizer is uniform; Applied as per the given amount or dose; Manure and fertilizer placed near the root zone (Not touching the root if it is chemical fertilizer); Top dressed manure and fertilizers are covered by soil; In case of foliar application leaves are wet uniformly. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of top dressing; Types of manure and fertilizers that can be top-dressed; Points to be consider while top dressing; Common methods of top dressing. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety ware, handle tools safely, spray towards the wind direction (if it is windy hours). Hoe/kuto and spade; Manure and fertilizer placed near the root zone (but not touching the root if it is chemical fertilizer). 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety ware, bucket, fertilizers, manure; Weighing balance, sprayer; Watering cane, safety eye glasses and mask. 		

Task number:	43		
Task statement:	Transplant saplings		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Prepared land or polybags, or vase; • Plant species or types of plant that needs to be transplant. Task: Transplant saplings. Time: 5" for one plant (Can be varied depending on the numbers of plant). Standard/Criteria: <ul style="list-style-type: none"> • The transplanted plant is in the center of the vase; • Plant is made free from injuries; • Roots are covered by soil; • Plant is transplanted in vertical position; • Soil is pressed after transplantation; • Plant is irrigated after transplant; • Planting distance is given as per the given plant species; • In case of foliar application leaves are wet uniformly. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of transplanting; • Species-wise planting distance; • Points to be consider while transplanting; • Procedure of transplanting. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety ware; • Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Saplings, safety wear, watering cane; • Polybags or vase, spade, kuto and hoe. 		

Task number:	44		
Task statement:	Perform repotting		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Old plant in vase; • Roots are observed in the soil surface; • Plant showing stunted and retarded growth. Task: Transplant saplings. Time: 7" for one plant (Can be varied depending on the number of plant). Standard/Criteria: <ul style="list-style-type: none"> • The repotted plant is in the center of the vase; • Plant is made free from injuries; • Excess roots are removed • Roots are covered by soil; • Plant is in vertical position; • Soil is pressed after repotting; • Plant is irrigated after repotting and cleaned working area. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of repotting; • Points to be consider while repotting; • Procedure of repotting. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety ware, handle tools safely; • Handle vase and plants safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Old plant in vase, secateurs, hoe, bucket; • Media mixture, PPE and watering cane. 		

Task number:	45		
Task statement:	Transplant instant turf		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Levelled and prepared land; • Demand. Task: Transplant instant turf. Time: 30" /square meter land (Can be varied depending on the area). Standard/Criteria: <ul style="list-style-type: none"> • The transplanted instant turfs are green and uniform; • Soil zone of turf is maintained in the same level of the ground; • Turf is aligned with the land slope; • Soil is pressed after transplantation; • Turf is irrigated after transplantation; • Planting distance of instant turf is made uniform. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of instant turf; • Recommended planting distance of instant turf (species wise); • Points to be consider while transplanting instant turf; • methods of transplanting of instant turfs; • Common transplanting season. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety ware; • Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, watering cane, spade; • Trowel, shovel, wheelbarrow; • Hose pipe and instant turf. 		

Task number:	46		
Task statement:	Irrigate plants by sprinkle		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location of lawn whith sprinkler system is installed; • Area to be sprinkled. Task: Irrigate plants by sprinkle. Time: N/A (Can be varied depending on speed of sprinkle and area to be sprinkled). Standard/Criteria: <ul style="list-style-type: none"> • Sprinkle is rotating with continuous discharge; • Irrigated land area or transplanted turfs or plants or lawn are wet uniformly; • Irrigated land is free from water overflow. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of sprinkler irrigation; • Recommended amount of soil moisture to be maintained; • Points to be consider while irrigating by sprinkler; • Methods of sprinkler irrigation. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply raincoat; • safety boot; • handle sprinkler safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Raincoat; • Water proof boot; • System of sprinkler irrigation; • High presser water resources. 		

Task number:	47		
Task statement:	Irrigate small plants by sprayer		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Area having small plants or recently sown tiny seeds. Task: Irrigate small plants by sprayer Time: N/A (Can be varied depending on the soil moisture condition and area to be irrigated) Standard/Criteria: <ul style="list-style-type: none"> • Land is seen wet, • Land level is made intact • Irrigated plants are in vertical position (or in natural position). 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of irrigation by sprayer for small plants; • Recommended amount of soil moisture to be maintained; • Points to be consider while irrigating by sprayer; • Methods of irrigation by sprayer. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear ; • Apply safety boot; • Handle sprayer safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Water proof boot; • Sprayer, water, bucket. 		

Task number:	48		
Task statement:	Irrigate plants by watering can/flexible pipe with nozzle		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Area to be irrigated; Task: Irrigate plants by watering can/flexible pipe with nozzle Time: N/A (Can be varied depending on the soil moisture condition and area to be irrigated) Standard/Criteria: <ul style="list-style-type: none"> • Land is seen wet, • Land level is made intact • Irrigated plants are in vertical position (or in natural position); • Irrigated land/vase/beds/ is made free from overflow. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of irrigation by watering can and flexible pipe; • Points to be consider while irrigating watering cane/flexible pipe with nozzle; • Methods of irrigation irrigation by watering cane/flexible pipe with nozzle. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear ; • Safety boot; • Handle sprayer safely; 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Water proof boot; • Watering cane/flexible pipe; • Water/water source; • Bucket; • Water hose. 		

Task number:	49		
Task statement:	Drain excess / stagnant water		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Area to be drained or water logging condition of the land; Task: Drain excess / stagnant water Time: N/A (Can be varied depending on the soil moisture condition and area to be irrigated) Standard/Criteria: <ul style="list-style-type: none"> • The slope gradient is given in the drainage canal; • Drainage canals are made free from obstacles; • Land is made free from water logging. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance drainage; • Types of drainage; • Points to be consider while managing drainage. 		
Safety/precaution	<ul style="list-style-type: none"> • Safety wear and safety boot, • Handle tools safely 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE; • Spade; • Shovel; • Level pipe; • Wheel barrow. 		

Task number:	50		
Task statement:	Develop lawn		
Level of task:	Significance	Ease	Occurrence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Customer desire or design of lawn • Species to be planted; • Area to be developed lawn (size); Task: Develop lawn. Time: N/A (Can be varied depending on the area to be developed lawn). Standard/Criteria: <ul style="list-style-type: none"> • Developed lawn is as per the given size and design; • Surface is levelled and uniform; • Lawn grass planted as per the given species; • Lawn is free from water logging situation. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance lawn; • Types of plant species that can be planted as a lawn grass; • Points to be consider developing lawn; • Procedure of lawn making. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, spade, shovel, level pipe, wheel barrow; • Plants of lawn grass, watering cane; • Flexible pipe with nozzle, water; • Compost manure, lime or zypsum as per the soil condition; • Lawn mower. 		

Task number:	51		
Task statement:	Repair garden features		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Old garden features (that needs to be repaired) • Assignment or demand of repair or instruction. Task: Repair garden features Time: N/A (Can be varied depending on the types and volume or size of repair) Standard/Criteria: <ul style="list-style-type: none"> • Repaired as per the given assignment or instruction; • Repaired as per the need of the types of garden features; • Repaired garden features exhibits original looks. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of garden features; • Needs of garden features repairmen; • Types of different garden features; • Common repairment requirement of garden features; • Points to be consider while repairing garden features; • Procedure of repairing garden features. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear ; • Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, spade, shovel, level pipe, wheel barrow; • Plants of lawn grass, watering cane or flexible pipe with nozzle, water; • Sand, cement, concrete, mower, hedge cutter, secateurs, sickle; • Hoe or hand tool, colour, brush, mask etc depending on types of repairment needed; • Grass shear, lawn mower, soil knife, chain saw pruning shears, 		

Task number:	52		
Task statement:	Perform lawn mowing		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location; • Lawn that need to be mowed; • Assignment or demand of mowing or instruction. Task: Perform lawn mowing. Time: N/A (Can be varied depending on the types and amount of repair). Standard/Criteria: <ul style="list-style-type: none"> • Mowing is as per the given assignment or instruction; • Mowing is as per the customer desire or • Lawn is free from any unwanted growth of lawn grass; • Lawn is observed uniform. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance lawn mowing; • Needs of mowing of lawn; • Points to be consider while mowing lawn; • Procedure of mowing lawn. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear and • Handle tools and lawn mower safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear; • Lawn mower; • Electric circuit, or • Petrol (as per the types of mower). 		

Task number:	53		
Task statement:	Perform pruning		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Assignment or demand of pruning or instruction; • Site or location of the plant or garden features; • Plants having hard or soft pruning requirement. Task: Perform pruning. Time: N/A (Can be varied depending on the size of plants). Standard/Criteria: <ul style="list-style-type: none"> • Pruning is performed as per the given assignment or instruction; • Plant is done free from dead branches; • Plant is made free from any unwanted growth; • Branches are observed uniform; • Wound and injuries in final products of pruning is not seen; • Working area is cleaned. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of pruning; • Points to be consider during pruning; • Types of pruning; • Procedure of pruning. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear and • Handle tools and pruning saw safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE, pruning saw, secature, boardaux paste to apply in the wound; • Tree purner, hedge trimmer, hedge shears, garden scissors and axes. 		

Task number:	54		
Task statement:	Train plants by using wires structure		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Assignment or demand of training or instruction; • Site or location of the plant or garden features; • Plants having training requirement; • Desired design or shape of the garden features. Task: Train plants by using wires structure. Time: N/A (Can be varied depending on the size of plants and desired design). Standard/Criteria: <ul style="list-style-type: none"> • Trained feature is as per the given design or shape or • Trained feature is as per the given assignment or instruction; • Plant is made free from injuries; • Plant or feature is observed uniform; • Working area is cleaned. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance training; • Points to be consider during training; • Types of training; • Plant species appropriate to use wire training; • Procedure of training. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear and • Handle tools safely 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE, gabion wire; • Secateurs; • Tree pruner; • Hedge trimmer; • Hedge shears and • Garden scissors. 		

Task number:	55		
Task statement:	Train plants by using stick and rope		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> • Assignment or demand of training or instruction; • Site or location of the plant or garden features; • Plants having training requirement; • Desired design or shape of the garden features. <p>Task: Train plants by using stick and rope.</p> <p>Time: N/A (Can be varied depending on the size of plants and desired design).</p> <p>Standard/Criteria:</p> <ul style="list-style-type: none"> • Stick or rope is applied as per the desired shape or design of the plant; • Trained plant is as per the given design or shape or • Trained plant is as per the given assignment or instruction; • Plant is made free from injuries; • Plant or feature is observed uniform; • Working area is cleaned. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of applying stick and rope for training; • Situation of using stick and rope during training; • Plant species required stick and rope for training; • Procedure of applying stick and rope for training. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear and • Handle tools safely 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, stick; • Sickle, secateurs; • Rope, tree pruner; • Hedge trimmer; • Hedge shears; • Garden scissors. 		

Task number:	56		
Task statement:	Train plants by using frame		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> • Assignment or demand of training or instruction; • Site or location of the plant or garden features; • Plants species that can be fit with training frame; • Desired design or shape of the garden features or plant. <p>Task: Train plants by using frame</p> <p>Time: N/A (Can be varied depending on the size of plants and desired design)</p> <p>Standard/Criteria:</p> <ul style="list-style-type: none"> • Frame selected as per the desired shape or design of the plant • Trained plant is as per the given design or shape or • Plant is made free from injuries; • Plant or feature is observed uniform; • Working area is cleaned. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of training frame; • Situation of using frame during training; • Plant species appropriate for application of frame; • Procedure of applying frame during training. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear and • Handle tools safely 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, sickle, secature, rope, frame; • Tree purner, hedge trimmer, hedge shears and garden scissors. 		

Task number:	57		
Task statement:	Control pest by physical methods		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Assignment or demand of training or instruction; • Site or location of the plant or garden features; • Plants can be fit with training frame; • Desired design or shape of the garden features or plant. Task: Control pest by physical methods Time: N/A (Can be varied depending on the area to be control physically) Standard/Criteria: <ul style="list-style-type: none"> • Harmful insect are collected; • Collected insects are killed; • Plant is made free from insect; • Plant is ensured free from injuries. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of physical control of pest; • Situation of applying physical control method; • Common techniques of physical control of pest; • Procedure of applying physical method. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear and • Handle tools safely; • Save beneficial insect. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Insect collecting net; • PPE; • Bucket; • Water; • Kerosene. 		

Task number:	58		
Task statement:	Calculate dose of pesticides		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Assignment or demand; • Types of plant and pests; • Area to be use pesticides; • Types of pesticides and its strength; • Recommended dose or references. Task: Calculate dose of pesticide Time: 15' (for one pesticide) Standard/Criteria: <ul style="list-style-type: none"> • The calculated dose of pesticide by the performer is matched with the dose calculated by supervisor. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning, merits and demerits of pesticide • Different methods of calculation; • Types of pesticides and their toxicity; • Identification of level of toxicity of pesticide; • Recommended dose of pesticide; • Safety precaution while using pesticide. 		
Safety/precaution	<ul style="list-style-type: none"> • N/A 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Pen; • Apply safety wear or calculator; • Prescription of the pesticide (Pivel). 		

Task number:	59		
Task statement:	Spray liquid pesticide by hand compression sprayer		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Calculated dose of pesticide; Area or plant to be use pesticides. Task: Spray liquid pesticide by hand compression sprayer. Time: 30 second/sq meter (depends on the area to be sprayed). Standard/Criteria: <ul style="list-style-type: none"> Safety wear are worn; Leaves of plants are wet; Ratio of the pesticide and water is maintained as per the recommendation; Sprayed towards the wind direction; Sprayed when the leaves are dry and free from rain water and dew. 		
Related technical knowledge	<ul style="list-style-type: none"> Hazards of pesticides; Safety precaution while spraying pesticide; Procedure of spraying pesticide. 		
Safety/precaution	<ul style="list-style-type: none"> Use safety wear set, avoid spraying during windy hours, morning hours and rainy hours; Pesticides strength should be taken in mind to avoid plant injuries. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear, hand compression sprayer, pesticide, water; Funnel, measuring cylinder or measuring jar or Weighing balance as per the types of pesticide. 		

Task number:	60		
Task statement:	Apply bordeaux mixture/paste		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Ratio of cu,sulphate, lime, and water; Quantity or volume of boardeaux paste/mixture. Task: Apply bordeaux mixture/paste Time: N/A (Depends on the quantity needed) Standard/Criteria: <ul style="list-style-type: none"> Safety wear are worn; Product is as per the given ratio; Treated as per the given volume or quantity; Paste/mixture applied uniformly; Safety precaution adopted. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of boardeaux paste and mixture; Hazards of boardeaux paste and mixture; Common ratio of ingredients to prepare boardeaux paste and mixture; Preparation of boardeaux paste and mixture; Safety precaution while applying boardeaux paste and mixture; Procedure of applying boardeaux paste/mixture. 		
Safety/precaution	<ul style="list-style-type: none"> Use safety wear, use plastic utensil while preparation and application like plastic bucket; Avoid application during windy hours, morning hours and rainy hours. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear, plastic buckets, shive, quick lime, copper sulphate, water; Grinding stone for copper sulphate, funnel, measuring cylinder or Measuring jar and weighing balance, wooden stick, brush/sprayer. 		

Task number:	61		
Task statement:	Control insect by pheromone trap		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location of insect infestation; • Area to be covered by pheromone trap. Task: Control insect by pheromone trap. Time: 20' for one trap. Standard/Criteria: <ul style="list-style-type: none"> • The height of trap as per the plant height; • Distribution of trap is uniform; • 1 Pheromone trap /100 sq. meter is considered; • Trap is fixed; • Orientation of trap is as per the field type. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of pheromone trap; • Merits and demerits of pheromone trap; • Covering area for one pheromone trap; • Points to be considered while installing pheromone trap; • Procedure of fixing pheromone trap. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Apply mask to be safe with pheromone smell. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, pheromone trap; • Pheromone chemical or pheromone; • Cotton, stick and rope. 		

Task number:	62		
Task statement:	Cover plant/bed by insect isolation net		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location of plant or plots to be covered; • Quantity or area to be covered; • Types of covering net. Task: Cover plant/bed by insect isolation net Time: 10' for single plant and 30' for single bed (can be varied based on the area to be covered) Standard/Criteria: <ul style="list-style-type: none"> • Given area is covered by net; • Covering is as per the given type of net; • Covered plant / plot is insect proof; • Plants are made free from injuries or damage; • Net is fixed and working area is cleaned. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of insect isolation net; • Merits and demerits of insect isolation net; • Common types of insect isolation net; • Procedure of fixing insect isolation net. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear; • Handle tool safely, 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear; • insect isolation net; • Pegs or • Sticks, sickle rope and hammer. 		

Task number:	63		
Task statement:	Protect individual plant by fixing plant guard		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location of plants; • Types of plants; • Quantity or numbers of plants to be covered. Task: Protect individual plant by fixing plant guard. Time: 15' for single plant. Standard/Criteria: <ul style="list-style-type: none"> • Protected as per the given plants; • Plant size is matched with the plant guard; • The plant is in the center of the plant guard; • Plant guard is fixed. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of plant guard; • Where to use plant guard to protect the plant; • Types of plant guards to protect the individual plant; • Procedure of fixing plant guard. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear, handle tools and plant guard safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • PPE, ready made plant guard; gall, binding wire; • Iron pole/rod, plier and hammer. 		

Task number:	64		
Task statement:	Treat seeds by fungicides		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Types of fungicides; • Quantity or volume of seeds to be treated. Task: Treat seeds by fungicides Time: 10' (can be varied based on the quantity to be treated) Standard/Criteria: <ul style="list-style-type: none"> • Safety wear are worn; • The amount of fungicide applied is as per the recommendation; • Treated as per the given volume or quantity; • Treated seeds observed uniformly colored by the fungicide; • Treated seeds are kept in air tight container; • Safety precaution adopted. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of fungicides and importance of treating seeds; • Hazards of fungicides and when to treat seeds; • Recommended dose of fungicides for seed treatment; • Types of seed dressing tool and equipment; • Safety precaution while treating seeds by chemicals; • Procedure of treating seeds by fungicides. 		
Safety/precaution	<ul style="list-style-type: none"> • Use safety wear, handle tools safely, treated seeds should be covered or • Stored air tightly, fungicides and treated seeds keep out of reach of children and elderly people. Wash hands after the seed treatment. • Avoid eating, smoking, or drinking during the fungicide application. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear, fungicides, weighing balance, seeds to be treated; • Seed dressing drum or small containers; • Packing materials like plastic bags or • Air tight containers, metal bin or sacks and • Rope, papers and pen for labelling. 		

Task number:	65		
Task statement:	Treat soil by solarization method		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Location or site of land to be treat; Quantity or area of land or plots or beds to be treated. Task: Treat soil by solarization method. Time: 20' for single bed. Standard/Criteria: <ul style="list-style-type: none"> Applied transparent plastic; Coverd the complete plot air tightly; Treated as per the given quantity / area; Plastic sheet is fixed or pressed at the edge of the bed. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of solarization; When to apply solarazation; Duration of solarazation; Procedure of solarization. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear; Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety ware; Transparent plastic sheet; Spade, shovels; Tones or bricks. 		

Task number:	66		
Task statement:	Place lime trap or foot wash in the main entrance		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Main entrance of the garden; Size of the main entrance. Task: Place lime trap or foot wash in the main entrance. Time: 15' for single gate. Standard/Criteria: <ul style="list-style-type: none"> Selected lime box is covered the entire width of the entrance; Placing of lime box is made horizontal and fixed; Thickness of lime is 1-2; The lime spread evenly inside the lime-box. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of foot wash in the entrance; Types of chemical that can be used as foot wash; Procedure of placing foot wash or lime trap. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear; Handle carfully lime dust. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear, lime, hammer; Lime trap box/foot wash box as per the weidth of the entrance; fixing pegs or Iron rod or dendride / fabicole if the surface is smooth. 		

Task number:	67		
Task statement:	Weed undesired plants		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Site or location of the weeding; Area to be weeded. Task: Weed undesired plants Time: N/A (Depends on the density of weeds and area to be weeded) Standard/Criteria: <ul style="list-style-type: none"> Land is free from weeds and unwanted plants; Economic plants are made free from damage or injuries; Weeded land surface is even; Weeded plants/weeds are disposed or managed. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning weeds and importance weeding; Hazards of weeds; Types of weeds; Types of weeder or weeding tools; Different methods of weed control; Points to be consider while weeding; Procedure of weeding. 		
Safety/precaution	<ul style="list-style-type: none"> Apply wear set; Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set, spade, hoe, garden fork; Wheel-barrow, weeder; Hedge trimmer and garden scissors. 		

Task number:	68		
Task statement:	Prepare compost by pit method.		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Site or location for compost pit; Standard procedure of filling compost pit; Amount of compost to be prepared or volume of composting materials. Task: Prepare compost by pit method. Time: N/A (Depends on the soil condition, volume of requirement and composting. materials) Standard/Criteria: <ul style="list-style-type: none"> Depth and weidth of pit is maintained 1 meter; Length is given as per the volume of compost required; Followed given procedure of compost pit filling; Turned the composting materials monthly; Composted materials converted pulveriaed manure with in 3 month. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance compost; Different methods of compost making; Potential materials for compost making; Nutrients contents in compost manure; Procedure of compost making by pit method. 		
Safety/precaution	<ul style="list-style-type: none"> Weared wear set; handle the tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set, spade, pik, wheelbarrow Shovel, waste bins; Lime, bamboo pole, Plastic bucket, culture compost; Sickle, plastic sheet and water. 		

Task number:	69		
Task statement:	Manage non-degradable waste		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Non-degradable waste available in the garden premises; Site of disposal or agent of waste collector; Quantity or volume of non-degradable waste. Task: Manage non-degradable waste. Time: N/A (Depends on the volume of available waste). Standard/Criteria: <ul style="list-style-type: none"> Degradable waste and non-degradable waste are dump in saperate bins; Non-degradable waste are sent away or dump in prscribed site; The garden premises is free form non-degradable waste. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning of degradable and non-degradable waste; Importance of managing non-degradable waste; Common non-degradable waste found in the nursery and garden premises; Common way of managing non-degradable waste; Procedure of managing non-degradable waste. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; Handle the waste safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set; Waste bins; Wheelbarrow; Hoe, shovel; Pik, sacks, rope, 		

Task number:	70		
Task statement:	Color the flower pot or vase		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Old vase or flower pot; Numbers or quantity of vase or flower pot to be re-colored; Desired color. Task: Color the flower pot or vase Time: 10' for single vase Standard/Criteria: <ul style="list-style-type: none"> Coloring is done as per the desired color; Coloring is done even; Vase is made free from spots; Vase are made free from damaged; Working area is cleaned. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of coloring of vase or flower pots; Common colour of vase or flower pots; Procedure of coloring vase. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; Handle colour and vase safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set; Plastic buckets; Desired colors; Painting brush; Stick, screw driver; Cleaning brush. 		

Task number:	71		
Task statement:	Perform sweeping of path, roof and space		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Site or location or garden or nursery premises that needs to be swepted Site for dirts collection or disposal. Task: Perform sweeping of path, roof and space. Time: N/A (Depends on the area to be swepted and density of filth). Standard/Criteria: <ul style="list-style-type: none"> The given site or location is sweeeped; The given area is free from dirts or undesired materials; The waste or dirts is collected in given site. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of sweeping in the nursery or in the landscaping area; Common sweeping tools; Common dirts found in the nursery and garden; Ideal collection site of dirts collected in the nursery and garden; Procedure of sweeping path, roof and other space. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; Handle sweeping tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set; Different types of broom; Wheelbarrow; Shovel or dust pan; Scrubbing brush and waste bins. 		

Task number:	72		
Task statement:	Perform washing of garden features		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Site or location of washing; Different garden features/plants and tools that needs to be washed; Quantity or volume of washing needed. Task: Perform washing of garden features Time: N/A (depends on the area/volume to be washed and density of filth)) Standard/Criteria: <ul style="list-style-type: none"> Given garden features/plants and tools are free form filth (mud/moss/dust); Washed garden features are free from harm or any damage. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of washing garden features/plants/tools; Common features and toos needed to be washed; Points to be considerd while washing garden features/tools/plants; Procedure of washing garden features/tools/plants. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; Handle washing tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set; Plastic buckets, Scrubbing brush; Wiper, towel; Flexible pipe; Nozzle, water; Pressure washer, and Hose pipes. 		

Task number:	73		
Task statement:	Perform costing of products and services		
Level of task:	Significance	Ease	Occurrence
	3	1	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Types of products and service to be marketed; Total cost of production (labour cost, material cost, overhead cost); Desired margin or profit ratio; Total amount of production; Competitive market price of same service; Task: Perform costing of products and services Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Customer are satisfied with the products or service cost; Volume of business transaction is increased; Financial status of nursery and landscaping business is strengthen. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of costing of products and services; Factors of production or production components; Points to be consider while costing of products and services; Competitive market cost of products and services. 		
Safety/precaution	<ul style="list-style-type: none"> N/A 		
Tools, equipment and materials	<ul style="list-style-type: none"> Quantity of production; List of competitive market price of products and services; List of production cost or investment, calculator, pen, paper. 		

Task number:	74		
Task statement:	Decorate indoors space by ornamental plants		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Indoor space or site; Desired design of decoration (Agreement) or layout; Quantity or volume of decoration. Task: Decorate indoors space by ornamental plants Time: N/A (Depends on the area to be decorated and componets of decoration) Standard/Criteria: <ul style="list-style-type: none"> All components are visible; Free to move for observer or free from obstacles; Pleasant face of ornamental plants are oriented towards visitors site; The indoor decoration is as per the given layout or agreement. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance indoor decoration; Points to be considered while placing ornamental plants in indoor condition; Types of indoor plants and their characteristics; Common procedure of decoration of indoor space by ornamental plants. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; Handle ornamental plants carfully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set; Varieties of indoor ornamental plants; Wheelbarrow; Copy of layout of indoor decoration. 		

Task number:	75		
Task statement:	Decorate outdoors space by ornamental plants		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Outdoor space or site; Desired design of decoration (Agreement) or layout; Quantity or volume of decoration. Task: Decorate outdoors space by ornamental plants. Time: N/A (Depends on the area to be decorated and components of decoration). Standard/Criteria: <ul style="list-style-type: none"> All components are visible; Free to move for observer or free from obstacles; Pleasant face of ornamental plants are oriented towards visitors site; The outdoor decoration is as per the given layout or agreement. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance outdoor decoration; Points to be considered while placing ornamental plants in outdoor condition; Types of outdoor plants and their characteristics; Common procedure of decoration of outdoor space by ornamental plants. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; Handle ornamental plants carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set; Varieties of outdoor ornamental plants; Wheelbarrow; Layout of outdoor decoration. 		

Task number:	76		
Task statement:	Display products in exhibition		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Exhibition site and space or stall; Agreed design or layout; Types of products. Task: Display products in exhibition Time: N/A (Depends on the space and types of products to be displayed) Standard/Criteria: <ul style="list-style-type: none"> All products are visible; Free to move for visitors or free from obstacles; All the products are labelled; Pleasant face of ornamental plants are oriented towards visitors site; The displaying is as per the given layout or agreement. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance products exhibition; Types of products exhibited and their characteristics; Points to be considered while placing products in exhibition stall; Common methods of displaying of products in exhibition stall. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; handle products carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set; Varieties of products; Wheelbarrow; Layout of exhibition stall. 		

Task number:	77		
Task statement:	Collect customer demand		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Products are in stock for sale; • Products are to be produced or to run the business in full capacity. Task: Collect customer demand Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Registered all the customer call; • Visitors logbook is maintained; • Collected demand is noted; • Demand or order is taken as per the stock or production capacity. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of demand collection and customer services; • Stock and inventory of the products and services; • Customer dealing; • Recording customer demand; • Production and service capacity of the nursery and landscaping. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle computer safely; • Handle mobile and telephone set safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Means of communication like telephone; • Mobile, internet, computer; paper, logbook, pen; • Production record, stock record, list of products and • Services or brochure of the enterprises. 		

Task number:	78		
Task statement:	Perform packaging/wrapping of products		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Products has to be delivered as per the demand or order; • Instantly sold or counter sold products; • Quantity of products to be packaged or wrapped. Task: Perform packaging/wrapping of products. Time: 1' per plant Standard/Criteria: <ul style="list-style-type: none"> • Packaging/wrapping is made strong, handy, species wise or product wise, and economical; • Plants or products are prepared free from injuries. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of packaging/wrapping; • Points to be considered while packaging and wrapping; • Types of packaging and wrapping materials; • Methods of packaging / wrapping products. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear set; • Handle plants safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear set; • Packaging materials; • Rope, tape, plastic bags; • Card-board box, or • Sacks or crate and garden scissors. 		

Task number:	79		
Task statement:	Deliver plants and products		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Destination to be delivered; • Sold plant as per the demand; • Packed and wrapped for delivery. Task: Deliver plants and products Time: N/A (Depends on the amount to be delivered and distance) Standard/Criteria: <ul style="list-style-type: none"> • Delivered as per the given destination and demand; • Delivered plants and products are free from injuries or are safe. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of plants and products delivery; • Points to be considered while delivering products and plants; • Methods of delivering plant and products. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle plants and products safely while loading and unloading. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Delivery van or means of transport 		

Task number:	80		
Task statement:	Record debit / credit		
Level of task:	Significance	Ease	Occurrence
	3	1	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Debit and credit records; • Debit and credit bill and voucher; • Agreements papers or records. Task: Record debit / credit. Time: 15' for one bill/voucher. Standard/Criteria: <ul style="list-style-type: none"> • Debit is mentioned in the debit column; • Credit is mentioned in credit column; • Recorded amount is as per the given bill/voucher; • Recorded as per the given agreement paper; • Bill/voucher is filed. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of debit and credit; • Importance of recording debit and credit; • Point to be considered while recording debit and credit; • Common methods of recording debit and credit. 		
Safety/precaution	<ul style="list-style-type: none"> • N/A. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Records of debit and credit; • Vehicle; • Mobile, • Telephone, • Cash and calculator. 		

Task number:	81		
Task statement:	Calculate profit/loss		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Total cost of production; • Total revenue generation; • Production records and sells records; • Debit credit records Task: Calculate profit/loss. Time: N/A (Depends on the size of the business). Standard/Criteria: <ul style="list-style-type: none"> • The profit and loss calculated is matching with the profit loss calculated by the supervisor. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of profit and loss; • Procedure of calculating profit / loss. 		
Safety/precaution	<ul style="list-style-type: none"> • N/A 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Production records; • Sells records; • Gross revenue records; • Gross expenditure records; • Records of overhead cost of the company. 		

Task number:	82		
Task statement:	Store the plants		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Newly received plants; • Quantity or volume plants to be stored; • Site or location or plants storing shed. Task: Store the plants. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Plants are stored as per the given quantity and volume; • Plants are stored in the given site or location or storing shed; • Stored plants are safe and healthy; • Plants are labelled and lot and species wise separated; • Stored plants record is kept. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of storing plants; • Desirable characteristics of plant storing sheds; • Points to be considered while storing plants/saplings; • Common process of storing plants / saplings. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear set; • Handle plants safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear set; • Wheelbarrow. 		

Task number:	83		
Task statement:	Store seeds and propagating materials		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Sites or location of store or cold store; Species wise desired storage RH and temperature; Quantity or volume of seeds or propagating materials to be stored. Task: Store seeds and propagating materials Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Seeds and propagating materials are stored as the species wise; The given temperature and relative humidity (RH) maintained; Seeds and propagating materials are labelled; Stored in safe place away from the reach of rats and pests; Seeds and propagating materials stored batch wise; Storage log book is maintained. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of storage of seeds and propagating materials; Different recommended temperature and RH as per the plant species; Points to be considered while storing seeds and propagating materials; Procedure of storing seeds and propagating materials. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; handle seeds and propagating materials safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set, plastic buckets; Weighing balance, labeling papers/tags; Pen, containers and permanent marker. 		

Task number:	84		
Task statement:	Store tools, equipment and machineries		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Site or location of store; Tools, equipment and machineries to be stored. Task: Store tools, equipment and machineries. Time: N/A (Depends on the numbers of tools, equipments and machineries) Standard/Criteria: <ul style="list-style-type: none"> Tools, equipment and machineries are separately stored; Stored items are clean; Stored in dry and safe place; Stored in their original place after use; Stored record is maintained or recorded. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of tools and equipment storage; Points to be considered while storing tools and equipment; Desirable characteristics of storage for tools and equipment; Methods of storing tools and equipment. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set; Clean before storage and handle safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set; Tools, equipment and machineries; Record book, forms and format, and pen; Inventory register; Permanent marker. 		

Task number:	85		
Task statement:	Store chemicals and fertilizers		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site or location to be stored; • Types of chemicals and fertilizers; • Quantity or volume of chemicals and fertilizers to be stored. Task: Store chemicals and fertilizers Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Chemicals are separately stored; • Stored items are labelled; • Stored in cool, dry and safe place; • Stored in their original place after use; • Stored record is maintained or recorded. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of chemicals and fertilizers; • Hazards of chemicals and fertilizers; • Storage temperature requirement for different chemicals and fertilizers; • Precautions should be taken while storing chemicals and fertilizers; • Procedure of storing chemicals and fertilizers. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wear set, strongly avoid smoking, eating and drinking while working with chemicals and fertilizers; • Store chemicals and fertilizers away from the reach of children and elderly people. Store should be well ventilated and lighting. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Safety wear set; • Sacks, air tight container, rope; • Chemicals and fertilizers to be stored; • Labeling papers, pen; • Inventory register; • Permanent marker. 		

Task number:	86		
Task statement:	Develop forms and format for record keeping		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Requirement of record keeping; • Types of records to be kept. Task: Develop forms and format for record keeping Time: 15' for single type format Standard/Criteria: <ul style="list-style-type: none"> • Forms and formats are covered the given requirement; • Form and formats are developed clear, simple and user friendly; • Consistency maintained in the forms and formats. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of forms and format for record keeping; • Points to be considered while developing forms and formats; • Procedure of developing forms and formats. 		
Safety/precaution	<ul style="list-style-type: none"> • N/A 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Papers or register; • Pen and scale 		

Task number:	87		
Task statement:	Keep production, sells and stock records		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Forms and formats or logbooks. Task: Keep production, sells and stock records Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Records kept as per the given forms and formats; Records are updated / recent; Records are maintained clear and understandable to the users. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance productin record, sells record and stock record; Points to be considered while keeping different records; Procedure of keeping records. 		
Safety/precaution	<ul style="list-style-type: none"> N/A. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Papers or logbook or forms and formats, pen; List or preliminary information of production, sells, and stock. 		

Task number:	88		
Task statement:	Keep inventory of the tools and equipment		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Store that needs to keep inventory of the tools and equipment; Previous records of inventory and forms and formats. Task: Keep inventory of the tools and equipment. Time: N/A (Depends on the size of store and numbers of tools and equipment) Standard/Criteria: <ul style="list-style-type: none"> Inventory kept is as per the given forms and formats; Each items are counted; Described the condition of the each items; Prepared inventory report; Recommendation made as per the observation. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of keeping inventory of tools and equipment; Types of forms and formats to keep inventory of tools and equipment; Points to be considered while keeping inventory of tools and equipment; Procedure of keeping inventory of tools and equipment. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear set, count tools and equipment safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wear set, recommended forms and formats or log book, pen; Previous records, stored tools and equipment. 		





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