

Nepal Industrial and Business Sector
Occupational Standard (OS)
Of
Livestock Farm Technician Level-2 (Foreman Level)



In jointly implemented by

Occupation Classification Close Linkage with NSCO:

Occupational Title: Livestock Farm Technician

Level: 2 (Foreman Level)

Sector: Agriculture

Sub – Sector: Livestock production

OS ID No.: AG-006-078

Major Group: 6

Sub-major Group: 61

Minor Group: 612

Unit Group: 6122

Occupation Specific Employers Panel:

S.N.	Name	Designation	Organization
1.	Deependra Karki	Owner	Kopila Agriculture & Livestock Pvt.
2.	Meghraj Joshi	Owner	Joshi Bhaishi Farm
3.	Yagyamurti Khanal	Owner	Umadevi Pashu Bikash Farm
4.	Dipak Timilsina	Owner	D Janaki Agro Farm
5.	Shankar Prasad Mainali	Owner	Integrated Livestock Farm
6.	Mekhranj Tamang	Owner	Everest Krishi Farm
7.	Gopi Dhakal	Owner	Dhakal Pashupalan Farm
8.	Kul Bahadur Gurung	Owner	Bangur Farm Chitwan
9.	Kulprasad Sapkota	Owner	R.K. Gai Palan tatha Dudha Utpadan Farm
10.	Kopila Acharya	Owner	Chitwan Ekikrit Agro Farm Pvt. Ltd.
11.	Sahdev Thapa	Owner	Maharaja Krishi Tatha Pashupalan Firm
12.	Namita Adhikari	Owner	Simran Bangur Firm

Occupation Specific Expert Workers Panel:

S.N.	Name	Designation	Organization
1.	Khagendra Prasad Regmi	Livestock Technician	Sisirgrismaa Ekikrit Krish firm
2.	Rajendra Prasad Dhungana	Expert Worker, Entrepreneur	Grihalaxmi Krishi farm avem anusandhan kendra
3.	Rudra Lal Bhatta	Livestock Technician	Far west Poultry Pvt.Ltd, Kailali
4.	Ram Chandra Khadka	Owner / Livestock Technician	Surya Jaivik Krishi Kendra Pra. Li.
5.	Nagendra Prasad Shah	Expert worker	Integrated Livestock Farm
6.	Jeevan Adhikari	Livestock Technician	RK pasupalan & Dugdha Utpadan Kendra, Chitwan
7.	Bikash Kandel	Livestock Technician	Kandel Pasupalan, Chitwan
8.	Sushila Sapkota	Livestock Technician	Devarshi Livestock Farm Pvt.Ltd. Chitwan
9.	Sijan Dawadi	Livestock Technician	Ganganagar Dugdha Utpadan Sahakari Sanstha,
10.	Sanjeev Aryal	Livestock Technician	Sridika Bahuudeshya Kirshi Farm, Chitwan
11.	Shiva Poudel	Livestock Technician	Shivani Kirshi tatha Pasupalan Farm, Chitwan
12.	Dhiren Joshi	Livestock Technician	Tridevi Livestock Farm, Pvt. Ltd. Chitwa,

OS Development Workshop facilitated by:

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

OS Reviewed by ELMS 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 ELMS 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
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. Sajan 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.	Name	Designation	Organization
1.	Mr. Shekhar Golchha	Head of the organization	FNCCI
2.	Mr. Vishnu Kumar Agarwal	Head of the organization	CNI
3.	Mr. Shyam Prasad Giri	Head of the organization	FNCSI
4.	Ms. Srijana Rana	Head of the organization	HAN
5.	Mr. Rabi Singh	Head of the organization	FCAN
6.	Mr. Chandra Kanta Adhikari	Member Secretary	ELMS

Occupational Description:

Livestock is a major subsector of agriculture sector of Nepal and contributes about 11.5 percent of the total GDP of Nepal. A Livestock Farm Technician Level-2 provides the daily care and management of the cattle, buffalo, sheep, goat, swine, equine, rabbit, poultry and some pets' animals and birds. This level of technician also ensures the resources, facilities, tools, equipment, materials and basic maintenance requirement of livestock farm for the purpose of daily care and management purpose. He/she maintains different types of records and inventory of livestock, production, breeding, feeds, tools and supplies. Besides these, other related duties which are routine health care, feeding, basic skills of fodder and forage production and harvest of all livestock farm products are also expected with this farm technician. Further, he/she provides technical support as a technical resource person for livestock sales, livestock transport, public visit and other activities. Additionally, the Livestock Farm Technician Level-2 has to work generally in outdoor and indoor livestock farm environment.

The occupation Livestock Farm Technician 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 simple farm machines and supervises assistant worker and labor 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:

The problems associated with the occupation of Livestock Farm Technician are zoonotic diseases, air pollution, water pollution and sound pollution. The solution for zoonotic diseases are the application of preventive measures and safe disposal of waste. Recycling / processing of the wastes can reduce air pollution. In the case of water pollution, wise application of FYM in the agricultural field and safe disposal and treatment of the water where chemicals are used can reduce water pollution. Further, the safe disposal of wastes along with application of animal wastes and dung in biogas plant can also minimize water and air pollution. Additionally, in case of minimizing sound pollution, timely feeding of the animals are advisable. Likewise, establishing farms away from residential areas or using sound proof technology can also be instrumental to minimize the sound pollution. Now a day's application of growth hormones and medicines reduces the carcass health and hygiene; thus the wise application or avoiding these chemicals and building strong rules and regulations and their implementation are means of environmental safety.

Minimum Job Entry Requirement:

As per the labor 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 advisable to enter in the skills and knowledge impartation courses.

Worker's traits:

The desired workers traits for the Livestock Farm Technician Level-2 are mentally and physically fit individual who are strong, active, enjoyed to work with the livestock and poultry and motivated, hardworking, honest and disciplined and have positive attitude towards the livestock and farm activities. Individuals who are punctual, high sense of professional ethics, loyal with the organization, flexibility in working time, responsible accountable, good decision maker and possess good communication and interpersonal skills are required in this occupation. Further, individuals who are kind, honest, animal / bird's lover, feeling ownership of the farm, committed to work, creative and innovative, genuine and possess learning attitude and keeping confidentiality are highly desired traits in this occupation.

Occupational career path:

- **Above the position-** : Livestock Farm Supervisor – Level 3 (Supervisor Level)
- **Current position-** : Livestock Farm Technician -Level-2 (Foreman Level)
- **Below the position-**: Assistant Livestock Farm Technician -Level-1 (Assistant 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.
Occurrence	: 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 Secretariat
SWG	: Sector Working Group
TAC	: Technical Advisory Committee
SOP	: Standard Operating Procedure
KU	: Kathmandu University
MoEST	: Ministry of Education, Science & Technology
TU	: Tribhuvan University
CBS	: Central Bureau of Statistics
CTEVT	: Council of Technical Education and Vocational Training
NSTB	: National Skill Testing Board
Div.	: Division
PPM	: Parts Per Million
I/M	: Intra Muscular
S/C	: Sub Cutaneous
I/V	: Intra Venous
Sq.	: Square
Kg.	: Kilogram
HP	: Horse Power
A/I	: Artificial Insemination

List of Duties and Tasks of the Livestock Farm Technician: Level-2 (Foreman Level)

Soft Skill Areas			
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.	Apply work ethics of Livestock Farm Technician
		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 livestock farm
		12.	Solve problem encountered in the occupation
		13.	Take responsibility and accountability of the assignment
		14.	Develop work plan of livestock farm
Core Skill Areas			
4.	Apply safety and hygiene	15.	Apply personal hygiene/ safety
		16.	Apply foot wash
		17.	Clean animal / poultry shed
		18.	Make farm yard manure (FYM) by degradable waste
		19.	Dispose non-degradable farm waste
		20.	Dispose carcass
		21.	Sanitize utensils
		22.	Disinfect animal farm by fumigation
		23.	Disinfect animal-birds farm by spray
		24.	Quarantine / isolate suspected animals
5.	Perform farm planning	25.	Prepare farm lay out
		26.	Prepare production plan
		27.	Prepare seasonal calendar
		28.	Prepare weekly work schedule
6.	Provide care / management of cattle / Buffalo	29.	Feed farm animals
		30.	Perform disbudding by Caustic Soda (NaOH)
		31.	Perform amputation by obstetrical wire
		32.	Trim hoofs
		33.	Perform grooming
		34.	Manage housing of different group of livestock
		35.	Perform tagging
		36.	Castrate bull (cattle/ buffalo)
		37.	Restrain cattle/ buffalo
		38.	Perform milking (Manually)
		39.	Perform machine milking
		40.	Treat retained placenta
		41.	Treat prolapsed uterus
		42.	Handle dystocia
7.	Provide care / management of sheep and goat	43.	Feed newly born kids / lamb
		44.	Feed adult sheep / goat
		45.	Feed pregnant doe / mother
		46.	Perform housing management of sheep / goat
		47.	Restrain sheep m goat

	48.	Castrate male kid / lamb by close methods (Burdizzo castrator)
	49.	Perform wool shearing
	50.	Clean wool
	51.	Grade wool
	52.	Perform docking
8. Provide care / management of swine	53.	Perform teeth clipping of piglets
	54.	Castrate piglets by open method
	55.	Perform weaning
	56.	Feed piglets
	57.	Feed pregnant / mother swine
	58.	Manage housing for swine
	59.	Restrain swine / pig
	60.	Perform ear notching of pig
9. Provide care / management of poultry	61.	Manage poultry housing
	62.	Regulate brooder
	63.	Manage litter
	64.	Perform de-beaking
	65.	Feed rearing chicks
	66.	Feed adult / pullet chicken
	67.	Manage drinker or waterer
	68.	Manage laying nest
	69.	Collect eggs
	70.	Perform cleaning and grading
	71.	Perform culling
	72.	Perform sexing of chicks
10. Conduct physical examination and lab test	73.	Detect sick animals by external signs and symptoms
	74.	Take case history
	75.	Take rectal temperature
	76.	Take pulse rate
	77.	Take respiration rate
	78.	Take faecal sample
	79.	Perform smear test
	80.	Perform flotation test
	81.	Perform sedimentation test
11. Administer medicine	82.	Estimate body weight
	83.	Administer medicine orally
	84.	Give Intramuscular (I/M) injection
	85.	Give sub-cutaneous (S/C) injection
	86.	Give Intravenous (I/V) injection
	87.	Administer medicine by intra mammary glands
	88.	Administer medicine through ocular route
	89.	Administer medicine through nostrils
	90.	Apply medicine topically
	91.	Perform dipping
12. Manage fodder and forage	92.	Prepare land for sowing and planting
	93.	Inoculate seeds
	94.	Sow seeds
	95.	Transplant saplings
	96.	Perform interculture operation
	97.	Harvest fodder/grass
	98.	Harvest grass seeds
	99.	Make silage
	100.	Make hay
	101.	Estimate feed

13. Manage Breeding	102. Prepare feed by locally available feed ingredients
	103. Arrange natural mating/breeding
	104. Arrange Artificial Insemination (AI)
	105. Assist to perform AI in animals
14. Perform storage and record keeping	106. Perform AI in birds
	107. Store silage
	108. Store hay
	109. Store feed
	110. Develop record forms / format
	111. Keep records

Task Competency Standard

Soft Skills Area:			
Task number	1.		
Task statement:	Manage time for occupational assignment		
Level of task:	Significance	Ease	Occurrence
	3	1	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"> Punctuality is exhibited; Task completed within the given time frame; Task 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 considered while managing time during duty hours. 		

Task number	2.		
Task statement:	Exhibit empathy with customers and team members		
Level of task:	Significance	Ease	Occurrence
	3	1	3
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"> The performer is expressed feelings (body language, gesture, posture, facial expression) as per the given incident during the performance. Performer is acted accordingly as per the feelings. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of empathy; Different situation of empathy; Points to be considered while exhibiting empathy. 		

Task number	3.		
Task statement:	Exhibit work ethics of the Livestock Farm Technician		
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 followed; SOP is followed; Satisfied and motivated in the occupation. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of 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	3	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"> Assignment 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"> Feedback is listen actively; Performer is 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"> Customer demand is listened actively; Performer nodded the head during listening; He/she is asked for clarification; He/she 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 heard clear and audible; Vocal is heard pleasant Visual expressions are seen 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 performance 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 of coordination; • Means of coordination; • Techniques of effective coordination.
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Task number	9.		
Task statement:	Perform networking with customers, team and stakeholders		
Level of task:	Significance	Ease	Occurrence
	3	1	3
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 found easily. 		
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
	3	2	3
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; • Collective ownerships are taken; • Cooperative and assertiveness are possessed; • Responsibility and accountability 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 results are achieved; • Decision 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"> Problems are solved in given time frame; Desired results are 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	1	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; Complete assignment attempted 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 Livestock Farm Technician 		

Task No:	14.		
Task statement:	Develop work plan of Livestock Farm Technician		
Level of task:	Significance	Ease	Occurrence
	3		3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Types of farm; Activities to be performed; Duration of the working. Task: Develop work plan of Livestock Farm Technician. 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	Apply personal hygiene / safety		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Assignment / work of livestock farm Task: Apply personal hygiene / safety. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Safety equipment's are applied; Working place is cleaned and prepared; Animals are restrained as per the species requirement; Working procedure is followed. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of applying personal hygiene/safety; Points to be considered while applying safety measures; Common incidences occurring in livestock farm. 		
Safety/precaution	<ul style="list-style-type: none"> Condition of the safety wears and regular maintenance is critical; Apply essential safety wears as per the nature of task. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Gloves, mask , eye glasses, torch light; Boots, helmet, , casting rope; Apron, soap, virgon spray, nail cutter and water. 		

Task number 16	16.		
Task statement:	Apply foot wash		
Level of task:	Significance	Ease	Occurrence
	3	3	2
Terminal performance standard.	Given Condition: <ul style="list-style-type: none"> Livestock farm gate with <i>Foot Wash</i> structure; Types of foot wash chemical; Size of the foot wash structure. Task: Apply foot wash. Time: 30 minutes /event. Standard/Criteria: <ul style="list-style-type: none"> Foot wash is placed in the main entrance as per the size of the gate; The width of the foot wash is maintained 4'; The depth of the saddle is maintained 1'; Foot wash chemical / materials used are fresh. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of applying foot wash; Points to be considered while applying foot wash; Common chemicals used in foot wash; Procedure of applying foot wash. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wear; Change / add chemicals twice weekly mixing with water. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Formalin, lime ,phenol, water, bucket; Weighing balance; Measuring cylinder and safety wares. 		

Task number	17.		
Task statement:	Clean animal / poultry shed		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal shed Task: Clean animal / poultry shed. Time : 1 minute /sq.m. Standard/Criteria: <ul style="list-style-type: none"> Cleaning is done as per the given time; Shed is kept free from dung, urine, feed waste /residue or any dirt's. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of cleaning animal / birds shed; Points to be considered while cleaning animal shed; Common chemicals used in shed cleaning. 		
Safety/precaution	<ul style="list-style-type: none"> Use safety wares Handle chemicals safely Be aware with animal behavior 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares , formalin; Brush, broom , water; Dust pan, dustbin, bucket; Wheel barrow, shovel; Soap and towel. 		

Task number	18.		
Task statement:	Make farm yard manure (FYM) by degradable waste.		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal farm; Degradable waste and quantity; FYM Pit. Task: Make farm yard manure (FYM) by degradable waste. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Shed and other farm premises are free from degradable waste; FYM pit is free from non-degradable waste; Waste are placed in different layer; Dung is placed in every alternate layer, FYM pit is protected from sunlight and rain water. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of making FYM by degradable waste; Points to be considered while making FYM by degradable waste; Procedure of making FYM. 		
Safety/precaution	<ul style="list-style-type: none"> Apply waste matter and dug in alternate layer; Protect FYM by rain water. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Wheel barrow, shovel, brush; Soap, water; Towel and safety wares, 		

Task number	19.		
Task statement:	Dispose non-degradable farm waste		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal farm, non-degradable waste and their quantity; Site or agencies. Task: Dispose non- degradable farm waste. Time: 15 minutes /daily routine work. Standard/Criteria: <ul style="list-style-type: none"> Non-degradable waste are made free from degradable waste. The waste are disposed as per the given site or agencies. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of disposal of non- degradable farm waste Points to be considered while managing non-degradable waste. 		
Safety/precaution	<ul style="list-style-type: none"> Don't dispose in non-prescribed place. Be careful with the waste as it might contain glass, syringes and needles. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Waste bin, sack; Dust pan, brush , water; Towel , soap, rope, 		

Task number	20.		
Task statement:	Dispose carcass		
Level of task:	Significance	Ease	Occurrence
	3	1	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal farm; Types of animal carcass and quantity; Site of disposal. Task: Dispose carcass. Time: Depends on the size of animal carcass. Standard/Criteria: <ul style="list-style-type: none"> The carcass is disposed in the given site, Lime is applied as per the size of carcass; The carcass is covered with soil; Thickness of covered soil is 3' over the carcass. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of disposal of carcass; Points to be considered while disposing carcass. 		
Safety/precaution	<ul style="list-style-type: none"> Don't dispose in non-prescribed place; Be careful with the waste as it might contain glass, syringes and needles. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Pik, spade, shovel; Excavator (in case of big animals); Sack, towel; Soap and rope. 		

Task number	21.		
Task statement:	Sanitize utensils.		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal farm; Types of utensils and their number. Task: Sanitize utensils Time: 30 minutes /daily routine work. Standard/Criteria: <ul style="list-style-type: none"> Utensils are made free from filth or are clean; Utensils are dipped / wiped by 5ppm potash solution; Sanitized utensils are made free from chemicals; Sanitized utensils are placed in proper place. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of cleaning farm gears; Meaning and importance of sanitizing farm utensils; Points to be considered while cleaning/sanitizing farm utensils; Common chemicals and their strength used for sanitization of farm utensils; Procedure of cleaning and sanitizing farm utensils. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wears; The strength of sanitizing solution is critical. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, potash, soap, water; Brush, surf, towel and mousseline clothes. 		

Task number	22.		
Task statement:	Disinfect animal farm by fumigation		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Cleaned animal / bird shed or farm; Area to be disinfected; Standard procedure / checklist. Task: Disinfect animal farm by fumigation Time: 30 minutes /100sq.meter. Standard/Criteria: <ul style="list-style-type: none"> Safety is adopted; The given area is disinfected; Performance is done as per the given checklist or procedure. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of fumigation; Points to be considered while fumigating; Common fumigants their pos and cons; Procedure of fumigation. 		
Safety/precaution	<ul style="list-style-type: none"> Use safety wares. Be careful while applying chemicals. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Formalin, potash, bucket; Safety wares, soap, towel; Mud bowl, measuring cylinder, earthen pot. 		

Task number	23.		
Task statement:	Disinfect animal-birds farm by spray		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Cleaned animal/ bird shed; Standard procedure /checklist. Task: Disinfect animal/birds farm by spray. Time: 30 minutes /day routine work. Standard/Criteria: <ul style="list-style-type: none"> Safety measures are adopted; Performance is done as per the given procedure; Feeds, and utensils are saved by spraying chemicals; Sprayer is cleaned and placed in original place. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of spraying; Points to be considered while spraying; Procedure of spraying; Common chemicals used to spray in animals or birds farm. 		
Safety/precaution	<ul style="list-style-type: none"> Use safety wares; Strength of spraying solution is critical; Handle chemicals safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Formalin, phenol, povidine iodine; Virgon, sprayer, water, soap and towel. 		

Task number	24.		
Task statement:	Quarantine / isolate suspected animals		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> New or suspected animals / birds; Site or shed; Prescribed duration and prescription or standard recommendation. Task: Quarantine / isolate suspected animals. Time: 10 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> Animals / birds are not contaminated with existing animals / birds; The suspected animals / birds are kept as per the given prescription; During quarantining suspected animal provided care and management to them; Person are disinfected himself/herself every time. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of quarantine / isolation; Points to be considered while in quarantine / isolation; Procedure of quarantine /isolation; Common practices of duration of quarantine/isolation of communicable diseases. 		
Safety/precaution	<ul style="list-style-type: none"> Use safety wares; Many diseases are communicable to human beings. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, sanitizer; Soap and towel. 		

Task number	25.		
Task statement:	Prepare farm lay-out		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Selected farm site/location/area; Species to be kept; Size/number of animal species to be kept; Farm drawing/sketch. Task: Prepare farm lay-out Time: 7 hours / layout. Standard/Criteria: <ul style="list-style-type: none"> The space requirement is calculated as per the given animal species and number; Gutter, foot path, storage and fodder/grass field are considered; Drainage, open space and waste management sites are considered; Water source and distribution types are considered. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance farm of farm layout; Space requirement for different group of animal/birds while preparing farm; Procedure of lay-out of livestock farm; Points to be considered while preparing farm lay-out. 		
Safety/precaution	<ul style="list-style-type: none"> Maximum utilization of resources is ensured; User friendly sequence and structure are made. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Measuring tape, paper; Pen, hammer; Bamboo, peg, rope; Sickle, lime, spade and calculator. 		

Task number	26.		
Task statement:	Prepare production plan		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Desired demand / market demand; Desired farm animal and birds species; Farm capacity / strength. Task: Prepare production plan Time: 3 hours /plan (can be varied based on the size of farm) Standard/Criteria: <ul style="list-style-type: none"> Production plan is prepared as per the given market demand and farm capacity or The plan is matched with the plan prepared by the supervisor. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of production plan; Common information needed to prepare production plan; Points to be considered while preparing production plan. 		
Safety / precaution	<ul style="list-style-type: none"> Basically consider demand, desired species and climatic requirement; Ensure balance distribution of production round the year. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Scale, pen, copy; Calculator and calendar. 		

Task number	27.		
Task statement:	Prepare seasonal calendar		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Production plan; • Format or template. Task: Prepare seasonal calendar Time: 4 hours /season Standard/Criteria: <ul style="list-style-type: none"> • Seasonal calendar is prepared as per the given format; • Clear and user friendly calendar is prepared; • Seasonal calendar is matched with the given production plan. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of seasonal calendar; • Information needed to prepare seasonal calendar; • Points to be considered while preparing seasonal calendar. 		
Safety/precaution	<ul style="list-style-type: none"> • Calendar needs to be practical; • Maximum utilization of resources; 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Calendar, pen; • Paper and pencil. 		

Task number	28.		
Task statement:	Prepare weekly work schedule		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Seasonal calendar; • Standard format; • Activities to be performed. Task: Prepare weekly work schedule. Time: 2 hours /schedule. Standard/Criteria: <ul style="list-style-type: none"> • Weekly work schedule is in given format; • The schedule matches with the seasonal calendar; • All the given activities are considered; • Activities' plan is in sequence. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of work schedule, • Points to be considered while preparing weekly work schedule. 		
Safety/precaution	<ul style="list-style-type: none"> • Sequence of activities is critical; • Consider all the activities to be performed. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Seasonal calendar; • Pen, paper; • Pencil and calculator. 		

Task number	29.		
Task statement:	Feed farm animals		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal species to be feed; Number of animals to be feed; Age groups of the animals to be feed. Task: Feed farm animals. Time: 1 hr /1000 birds. Standard/Criteria: <ul style="list-style-type: none"> Portion control is ensured logical as per the requirement of the age group; Calculated amount is as per the specification or standard reference; The feed is not wasted or misused; Contamination is avoided. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of feeding farm animals; Points to be considered while feeding farm, animals; Different feed requirement specification according to the animal species, age group and purpose; Types of feeder and drinker. 		
Safety/precaution	<ul style="list-style-type: none"> Use safety wares; Avoid contamination while feeding. 		
<ul style="list-style-type: none"> Tools, equipment and materials 	<ul style="list-style-type: none"> Safety wares, feeds, pen, paper, pencil and calculator. 		

Task number	30.		
Task statement:	Perform disbudding by Caustic Soda (NaOH)		
Level of task:	Significance	Ease	Occurrence
	3	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Calf under 1 month age; Number of calf to be disbudded; Standard procedure/checklist. Task: Perform disbudding by caustic soda (NaOH) Time: 15 minutes / horn bud. Standard/Criteria: <ul style="list-style-type: none"> Performance is done as per the given procedure; Skin and the bud are ensured safe; Base of bud is completely removed; Surrounding skin is made free from bleeding; Antiseptic ointment is applied. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of disbudding; Points to be considered while disbudding; Procedure of disbudding; Age of calf that can be disbudded; Animal species and breeds that need to be disbudded; Common methods and chemical used; Safety precautions. 		
Safety/precaution	<ul style="list-style-type: none"> Use safety wares; Fallow standard procedure. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Stick of caustic soda, rope, rope, scissor, cotton; Forceps, antiseptic ointment, potash, soap, towel and safety wares. 		

Task number	31.		
Task statement:	Perform amputation by obstetrical wire		
Level of task:	Significance	Ease	Occurrence
	3	1	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Adult cattle/ buffalo with undesired horn; • Number of animals to be amputated. Task: Perform amputation by obstetrical wire. Time: 30 minutes /adult animal. Standard/Criteria: <ul style="list-style-type: none"> • Performance is done free from bleeding; • 1/4 of the horn is removed; • The animal is kept safe. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of amputation of the horn; • Points to be considered while amputating the horn; • Safety requirement. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wears; • Handling animal is critical; 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Obstetrical kit ,casting rope; • Antiseptic ointment; • Forceps, cotton, soap; • Towel and safety wares. 		

Task number	32.		
Task statement:	Trim hoofs		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Adult cattle / buffalo with undesired horn; • Number of animals to be hoof trimmed. Task: Trim hoof. Time: 30 minutes /hoof. Standard/Criteria: <ul style="list-style-type: none"> • Performance is done free from bleeding; • Undesired hoofs are removed; • Trimming is done uniform; • Animal is kept safe. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of trimming hoof; • Points to be considered while trimming hoof; • Safety requirement. 		
Safety/precaution	<ul style="list-style-type: none"> • Wear safety wares; • Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Hoof trimmer, casting rope; • Scissors, antiseptic ointment; • Forceps, cotton , soap; • Towel and safety wares. 		

Task number	33.		
Task statement:	Perform grooming		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Number of farm animals; • Types of animal species. Task: Perform grooming Time: 30 minutes /animal Standard/Criteria: <ul style="list-style-type: none"> • Animal is kept free from dirt / filth; • Animal is seen shiny; • Undesired hairs are removed. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of grooming; • Points to be considered while grooming; • Safety requirement. 		
Safety/precaution	<ul style="list-style-type: none"> • Use safety wares and handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Grooming brush, water, brush; • Soap, towel and mustard oil. 		

Task number	34.		
Task statement:	Manage housing of different groups of cattle/buffalo		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Age group; • Types of species; • Number and condition of animal. Task: Manage housing of different group of cattle / buffalo. Time : N/A Standard/Criteria: <ul style="list-style-type: none"> • Housing is managed as safe and conducive; • Housing management is done as per the age group; • Housing management is done as per the given number; • Housing management is done as per the condition of the animal. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of managing housing; • Points to be considered while managing housing, • Housing requirement for pregnant cattle/buffalo, • Housing requirement of calf of cattle/buffalo, • Housing requirement of lactating cattle/buffalo, • Housing requirement of dry cattle/buffalo • Housing requirement of breeding bull/ draft animals. 		
Safety/precaution	<ul style="list-style-type: none"> • References is needed to know the species, age group and types of animals; • Consider easiness to provide daily care and management. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Motor, delivery pipe, flexible pipe; • Rope, feeder, waterer, litter, animal shed; • Water source, chain or rope and electricity supply. 		

Task number	35.		
Task statement:	Perform tagging		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Types of tags; Types of animal species; Number of farm animal to be tagged. Task: Perform tagging. Time : 5 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> Tag is ensured safe and fixed; Tagging point is seen in the center of ear; Selected point is free from nerves; Tagging is done free from bleeding; Tag number is kept outside the ear; Tagging is kept tight and number is logical. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of tagging; Types of tags; Points to be considered while tagging; Safety requirements. 		
Safety/precaution	<ul style="list-style-type: none"> Tagging number and tagging place is specific; Handle the animal gently. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Tag number, tagging machine; Antiseptic ointment, spirit swab or disinfectant. 		

Task number	36.		
Task statement:	Restrain farm animal (cattle/ buffalo)		
Level of task:	Significance	Ease	Occurrence
	3	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal types; Age group of animals; Task: Restrain farm cattle/ buffalo. Time: 30 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> Animal is in controlled Animal is kept safe i.e. free from injury, Restraining ground is cleaned, Knots of rope are made tight/strong. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of restraining farm cattle/buffalo; Points to be considered while restraining farm cattle / buffalo; Safety requirements for the restraining; Procedure of how to restrain farm animals. 		
Safety/precaution	<ul style="list-style-type: none"> Species wise method are different; Handle animal gently. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Casting rope, water, soap and towel. 		

Task number	37.		
Task statement:	Perform castration by closed method		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Male animal Task: Perform castration by closed method Time: 15 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> Animal is kept in control, Animal is kept safe i.e. free from injury, Restraining ground is cleaned, Castration point is one inches above and one inches below the teat, Procedure is followed, Both spermatic cords are broken. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of castration, Points to be considered while castrating, Safety requirements, Procedure. 		
Safety/precaution	<ul style="list-style-type: none"> Handle animal gently 		
Tools, equipment and materials	<ul style="list-style-type: none"> Casting rope, Burdizzo castrator, soap, towel; Water, cotton swab and antiseptic ointment. 		

Task number	38.		
Task statement:	Perfrom hand milking		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Lactating cattle/buffalo; Number of lactating cattle / buffalo. Task: Perform hand milking Time: 7-15 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> Hand is ensured free from gap between nail and flesh; Hands are kept clean; Milking utensils are cleaned and sterilized; Mammary glands are cleaned before milking; Milking area is made free from spills; Milk is fully milked; Teats are free from injuries. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of hand milking; Points to be considered while hand milking; Procedure of hand milking; Procedure of hand milking. 		
Safety/precaution	<ul style="list-style-type: none"> Ensure safety of teats and animal; Use safety wares. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Utensils, safety wares; Water, bucket, soap and towel. 		

Task number	39.		
Task statement:	Perform machine milking		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Lactating cattle / buffalo; Number of lactating cattle / buffalo. Task: Perform machine milking. Time: 10 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> Teats are cleaned; Milking machine is cleaned; Coupling is fitted in teats; Teats are free from injuries; Couplings are cleaned after milking. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of milking by machine; Points to be considered while milking by machine; Safety requirements. 		
Safety/precaution	<ul style="list-style-type: none"> Ensure teats are free from injury; Handle animal gently. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Milking machine; Bucket. 		

Task number	40.		
Task statement:	Treat retained placenta		
Level of task:	Significance	Ease	Occurrence
	3	1	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal with retained placenta; Standard procedure. Task: Treat retained placenta. Time: 30 minutes /case. Standard/Criteria: <ul style="list-style-type: none"> Animal is made free from retained placenta; Animal is kept free from bad odor; Hind part of the animal is cleaned; Observed animal is free from stress; Referred complicated case to the senior veterinarian. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning retained placenta; Points to be considered while treating retained placenta; Procedure of treating retained placenta; Causes of retained placenta; Preventive measures of retained placenta. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wears; Refer complicated case to the senior veterinarian. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Povidine iodine, dush cane set; Gloves, rope, trabis, soap, towel and water. 		

Task number	41.		
Task statement:	Treat prolapsed uterus		
Level of task:	Significance	Ease	Occurrence
	3	1	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Types of species; Uterus prolapsed case; Standard procedure. Task: Treat prolapsed uterus. Time: 1 hour /case Standard/Criteria: <ul style="list-style-type: none"> Safety measures adopted; Selected site is clean and wide; Prolapsed uterus is cleaned with potassium solution(5ppm); Prolapsed uterus is treated as per the given standard procedure; Referred complicated case to the senior veterinarian. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of treating prolapsed uterus, Points to be considered while treating prolapsed uterus, Procedure of treating prolapsed uterus, Causes of prolapsed uterus, Preventive measures of prolapsed uterus. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety protocol; Refer to the senior for complicated case. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, local anesthesia, water , medicine, pain killer, oil; Turmeric powder, potash, soap, needle, syringe, rope, ring and antiseptic. 		

Task number	42.		
Task statement:	Handle dystocia		
Level of task:	Significance	Ease	Occurrence
	3	1	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal with dystocia Standard procedure Task: Handle dystocia Time: Hours /case Standard/Criteria: <ul style="list-style-type: none"> Dystocia is handled as per the standard procedure; Referred in complicated case to senior veterinarian. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of handling dystocia; Causes and condition of dystocia; Points to be considered while handling dystocia; Procedure of handling dystocia. 		
Safety/precaution	<ul style="list-style-type: none"> Handle animal gently; Refer in complicated case to the senior supervisor. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, rope; Hook, obstetrical wire; Dystocia kit, soap, water and towel. 		

Task number	43.		
Task statement:	Feed newly born kids/ lamb		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Livestock farm with newly born kids/lamb • Feeding schedule; • Number of kids/lambs to be feed; • Nutrients requirement prescription or references. Task: Feed newly born kids / lamb. Time: 30 minutes /kid or lamb. Standard/Criteria: <ul style="list-style-type: none"> • Feeding is done as per feeding time schedule; • Feed is selected as pre nutrients requirement; • Lambs / kids observed happy and healthy. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of feeding newly born kids/lamb; • Points to be considered while feeding newly born kids/lamb; • Nutrients requirement as per age and body weight. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle kids/lamb gently; • Avoid contamination. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Feeder, feeds, water; • Container, bucket, mug; • Weighing machine or measuring mug. 		

Task number	44.		
Task statement:	Feed adult sheep / goat		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given condition: <ul style="list-style-type: none"> • Livestock farm and location; • Types or objectives of rearing adult sheep/goat; • Number of adult sheep/goats to be feed; • Nutrients requirement references and feeding schedule. Task: Feed adult sheep / goat. Time: 5 minute /sheep or goat. Standard/Criteria: <ul style="list-style-type: none"> • Feeding is done as per the given objectives of rearing; • Feeding is done as per feeding time schedule; • Feeds selected as pre nutrients requirement and references. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of feeding adults; • Points to be considered while feeding adults; • Nutrients requirement as per age, rearing objectives and body weight. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle animal gently; • Portion control is prime while feeding. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Feeder, feeds, water; • Container, bucket, mug; • Weighing machine or measuring mug. 		

Task number	45.		
Task statement:	Feed pregnant doe / mother		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Livestock farm with pregnant doe/mother; Nutrients requirement references or prescription; Numbers of doe to be feed and feeding schedule. Task: Feed pregnant doe / mother. Time: 5 minute / doe or mother. Standard/Criteria: <ul style="list-style-type: none"> Feeding is done as per feeding schedule; Feed is selected as pre the nutrients requirement or references. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of feeding pregnant doe / mother; Points to be considered while feeding pregnant doe / mother; Feeding schedule and types of feed. 		
Safety/precaution	<ul style="list-style-type: none"> Handle animal gently; Portion control is essential. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Feeder, feeds, water, container, bucket, mug; Weighing machine or measuring mug. 		

Task number	46.		
Task statement:	Perform housing management of sheep/goat		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Age group of sheep/goat; Climatic condition and weather; Number and condition of animal. Task: Perform housing management of sheep/goat. Time : N/A Standard/Criteria: <ul style="list-style-type: none"> Shed is cleaned; Animals are kept safe from enemies, predators, wet, hot and cold; Housing is done as per the age group; Housing is done as per the given number; Housing is done as per the condition of the animal; Management is done as per the altitude, climatic zone and weather. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of housing management; Points to be considered while managing housing; Housing requirement for pregnant, lactating, calf, dry and breeding sheep/goat; Housing requirement as per number of animal, condition of the animal, altitude, climatic zone and climate. 		
Safety/precaution	<ul style="list-style-type: none"> Handle animal gently; Space requirement / animal is critical as per the age group and condition. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Electricity supply, water supply; Entrance and exit; Feeder, shovel and wheel barrow. 		

Task number	47.		
Task statement:	Restrain sheep / goat		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Types and age group of sheep / goat; Condition of the sheep or goat. Task: Restrain sheep / goat. Time: 5 minutes / sheep or goat. Standard/Criteria: <ul style="list-style-type: none"> Animal is kept in control; Animal is kept safe i.e free from injury; Restraining ground is cleaned; Knots of rope are tight / strong enough. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of restraining sheep/ goat; Points to be considered while restraining sheep/ goat. 		
Safety/precaution	<ul style="list-style-type: none"> Handle animal safely; Special care should be provided for pregnant sheep / goat. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Rope and trabis. 		

Task number	48.		
Task statement:	Castrate male kid / lamb by close methods (Burdizzo castrator)		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Livestock farm; Number of male kid or lamb to be castrated. Task: Castrate male kid/ lamb by close methods (Burdizzo castrator) Time : 30 minutes /kid or lamb. Standard/Criteria: <ul style="list-style-type: none"> Kid/lamb are restrained; Both vas difference are broken; Castrated place is free from bleeding; Antiseptics is applied in the castrated place. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of castrating male kid/lamb; Points to be considered while castrating male kid/lamb; Appropriate age of castration of kids/lambs; Procedure of castration by Burdizzo castrator. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety of personal and animal; Be sure both vas-difference are broken. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Rope, Burdizzo castrator; Cotton; Antiseptic ointment; Soap, towel and water. 		

Task number	49.		
Task statement:	Perform wool shearing		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Sheep farm; • Number of sheep to be sheared. Task: Perform wool shearing. Time: 30 minutes /sheep. Standard/Criteria: <ul style="list-style-type: none"> • Shearing is done consistent; • Sheep is made free from injuries; • Wool is made free from filth; • Skin of the animal is cleaned; • Wool is collected in a dry container. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of shearing wool; • Points to be considered while shearing; • Safety requirement while sharing wool; • Time/season and schedule of wool sharing; • Procedure of wool sharing. 		
Safety/precaution	<ul style="list-style-type: none"> • Avoid skin injuries; • Apply personal and animal safety; 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Shearing machine/scissor, broom, dust pan, wool container; • Weighing machine, antiseptic ointment; • Water, soap, forceps, cotton and towel. 		

Task number	50.		
Task statement:	Clean wool		
Level of task:	Significance	Ease	Occurrence
	3	3	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Wool received after shearing; • Quantity to be cleaned. Task: Clean wool. Time: 30 minutes /5 kg wool. Standard/Criteria: <ul style="list-style-type: none"> • The wool is made free from filth and dust; • Cleaned wool is kept in separate container. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of cleaning wool; • Points to be considered while cleaning wool; • Time and season of cleaning wool. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply personal safety. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Wool cleaner or washing machine or; • Rolling machine; • Water and detergent. 		

Task number	51.		
Task statement:	Grade wool		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Wool received after cleaning; Number of grades or types (fine, crossbred, long and medium wools); Volume or quantity of wool to be graded. Task: Grade wool. Time: 30 minutes /10 kg. Standard/Criteria: <ul style="list-style-type: none"> Graded as per the given number of grades or Wool is graded in given grades; Grading is ensured consistent or uniform. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of grading wool; Points to be considered while grading wool; Criteria of wool grading; Classification of wool. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wears; Handle the machine safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Openers machine; Rolling machine for woolens; Grading machine; Container, roller machine. 		

Task number	52.		
Task statement:	Perform docking		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Seep farm; Number of lamb. Task: Perform docking. Time: 30 minutes / lamb. Standard/Criteria: <ul style="list-style-type: none"> Antiseptic ointment is applied in the ducked place; The wounded parts is banded with bandage; No excess bleeding in the ducked parts. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of docking; Points to be considered while performing docking; Age, time, season of docking; Procedure of docking. 		
Safety/precaution	<ul style="list-style-type: none"> Handle the tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Docking machine, bandage; Thread, scissor; Antiseptic ointment, cotton; Soap, towel and rope. 		

Task number	53.		
Task statement:	Perform teeth clipping of piglets		
Level of task:	Significance	Ease	Occurrence
	3	1	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Pig farm; Number of piglet (Day old) to be teeth clipped. Task: Perform teeth clipping of piglets. Time: 5 minutes / piglet. Standard/Criteria: <ul style="list-style-type: none"> Teeth clipping is done free from bleeding; Tooth are made blunt; Piglet is seen healthy; Tooth cutter is sterilized; Tongue is kept safe. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of clipping teeth; Points to be considered while clipping teeth; Safety requirement for teeth clipping; Procedure of teeth clipping. 		
Safety/precaution	<ul style="list-style-type: none"> Handle the tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Stainless Steel Tooth cutter; Ointment, cotton, water and rope. 		

Task number	54.		
Task statement:	Castrate piglet by open method		
Level of task:	Significance	Ease	Occurrence
	3	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Piglet aged 45-60 days old. Open method. Task: Castrate piglet by open method. Time: 30 minutes /piglet. Standard/Criteria: <ul style="list-style-type: none"> Piglet is restrained; Tools are sterilized; Hairs around the testes are removed; Scissoring is vertical up to 1 inch length; Veins are tied with catgut; Both testes are removed and stitched; Antiseptic is applied. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of castration; Points to be considered while castrating; Safety requirement while doing castration of piglet; Procedure of castrating piglet. 		
Safety/precaution	<ul style="list-style-type: none"> Avoid bleeding while scissoring; Handle the tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> BP blade, forceps, cotton, BP handle, xylocane, catgut; Bandage, syringe, needle antiseptic, soap, towel and water. 		

Task number	55.		
Task statement:	Perfrom weaning		
Level of task:	Significance	Ease	Occurence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Swine farm; Number of piglet/sow to be weaned. Task: Perform weaning. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Weaned piglets are of 25- 30 days age group; Piglets are kept away from the mother at a nearby location; Piglets are kept at a space of 3-5 sq. ft /piglet; Creep feed for the piglet is managed; Feeding is done thrice a day; Housing is managed warm and dry; Iron supplements are given. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of weaning; Feeding requirement; Space requirement; Age requirement; Points to be considered while weaning piglets. 		
Safety/precaution	<ul style="list-style-type: none"> Feed balance creep feed; Handle the animal gently. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Creep feed, feeder; Drinker, water; Litter, heater; Light and thermometer. 		

Task number	56.		
Task statement:	Feed piglets		
Level of task:	Significance	Ease	Occurence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Number of piglets to be feed; Age group of the piglets; Feed requirement chart. Task: Feed piglets. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Feed is calculated as per the age and body weight requirement; Feeder is cleaned; Creep feed is fed; Feeding is ensured free from wastage. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of feeding piglets; Feed requirement for per piglet; Points to be considered; Feeds and nutrients requirement according to age and body weight. 		
Safety/precaution	<ul style="list-style-type: none"> Calculation of feed requirement as per the age group is critical; Types of feed and age group is also critical. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Creep feed; Feeder and drinker. 		

Task number	57.		
Task statement:	Feed pregnant / mother swine		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Number of pregnant swine; • Condition of pregnant swine; • Feed requirement chart or reference. Task: Feed pregnant/mother swine. Time: 30 minutes /10 pregnant swine. Standard/Criteria: <ul style="list-style-type: none"> • Feed is calculated as per the requirement or given chart; • Feeder is cleaned; • Feeding ensured free from wastage of feeds. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of feeding pregnant/mother swine; • Feed requirement for pregnant/mother swine; • Points to be considered; • Feeds and nutrients requirement; • Points to be considered while feeding pregnant/mother swine. 		
Safety/precaution	<ul style="list-style-type: none"> • Give pregnant ration; • Apply safety protocol while working with pregnant sow. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Feed, water, feeder, container; • Measuring pot and cleaning tools. 		

Task number	58.		
Task statement:	Manage housing for swine		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Number and breeds of swine to be managed; • Purpose of keeping and condition of the animal; • Type of management activities required. Task: Manage housing for swine. Time: 1 hours per day /10 adult swine. Standard/Criteria: <ul style="list-style-type: none"> • Management is done as per the age group and breed; • Management is done as per the given number; • Management is done as per the purpose of raising; • Management is done as per the condition of the pig; • Management is done as per the altitude and climatic zone. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of managing house for swine; • Management requirement of different group of swine; • Procedure of house management of swine; • Points to be considered while managing house for swine; • Methods of housing management of swine. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety precaution; • Management requirement for different group is prime. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Electricity supply, water supply, flexible pipe, entrance and exit; • Feeder, shovel, dumping site of manure and wheel barrow. 		

Task number	59.		
Task statement:	Restrain swine		
Level of task:	Significance	Ease	Occurrence
	3	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Age group of swine to be restrained; • Condition of the animal; • Types of treatment needed. Task: Restrain swine. Time: 20 minutes /adult swine. Standard/Criteria: <ul style="list-style-type: none"> • Upper part of the snout is tightened by rope; • Front and hind legs are tightened; • Animal is in control; • The knots of the ropes are tightened; • Swine is safe and free from injuries; • The floor is clean and comfortable. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of restraining swine; • Procedure of restraining swine; • Points to be considered while restraining swine; • Methods of restraining swine. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the pig gently and carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Pig holder; • Rope and helper. 		

Task number	60.		
Task statement:	Perform ear notching of pig.		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Swine farm; • Starting number; • Number of swine to be notched. Task: Perform ear notching. Time: 20 minutes /swine. Standard/Criteria: <ul style="list-style-type: none"> • Notches are placed in pig's right ear to show the litter number; • Notching is done for appropriate age group of piglets; • Given one of three locations in the left ear to show the individual pig number; • Numbers are provided based on the given starting number; • Antiseptic cream is applied in the cuts. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of ear notching; • Points to be considered while notching ear; • Universal system of ear notching; • Appropriate age group of ear notching; • Procedure of ear notching. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply basic rules of ear notching; • Handle the pig gently and carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Ear notcher, pig holder, rope, antiseptic cream; • Water, towel, soap, cotton and forceps. 		

Task number	61.		
Task statement:	Manage poultry housing		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> • Number of poultry stock; • Space requirement as per age and type; • Poultry house. <p>Task: Manage poultry housing.</p> <p>Time: N/A</p> <p>Standard/Criteria:</p> <ul style="list-style-type: none"> • Number of chicks are kept as per the space requirement; • Litter is managed as per the recommendation; • Temperature and humidity is maintained as per the recommendation; • Types of chicks are kept as per the space requirement. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of management of poultry house; • Space requirement as per the types/age group; • Recommended ventilation, light, temperature and humidity; • Procedure of managing poultry house; • Melodious music for avoiding distraction for the chicks. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wares; • Recommended ventilation, light, temperature and humidity are prime. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • House, feeder/drinker; • Electricity, thermometer and litter. 		

Task number	62.		
Task statement:	Regulate brooder.		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> • Poultry house for chicks; • Chicks brooder; • Number of chicks to be brood; • Recommended environment of brooder. <p>Task: Regulate brooder.</p> <p>Time: 20 minutes /brooder.</p> <p>Standard/Criteria:</p> <ul style="list-style-type: none"> • Brooder is hanged 1 meter above the ground level; • Distance of brooder is maintained as per the number of chicks and space; • The range of temperature is maintained at 95-97 degree Fahrenheit or • Created recommended brooder environment. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning of brooding and importance of regulating brooder; • Recommended brooder environment; • Points to be considered while regulating brooder; • Procedure of regulating brooder. 		
Safety/precaution	<ul style="list-style-type: none"> • Take care to avoid leakage of gas; • Be aware of short circuit of electricity. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Gas, lighter, regulator; thermometer, wet and dry bulb thermometer; • Electricity, pipe, brooder and GI wire. 		

Task number	63.		
Task statement:	Manage litter		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Poultry farm (house, Poultry kept in litter system. Task: Manage litter. Time: 30 minutes /500 chicks. Standard/Criteria: <ul style="list-style-type: none"> The thickness of the litter is given 4"; Litter is spreaded uniformly. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning of litter and importance of litter; Points to be considered while managing litter; Quality and types of litter. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wares; Make sure that the litter is dry. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Sacks, rope; Wheel barrow; PPE, shovel; Karni and lime. 		

Task number	64.		
Task statement:	Perform debeaking		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Number of chicks to be deveaked; Age group of chicks (Layers chicks :40-60 days); Age group of breeder (Breeder chicks: 30-45 days). Task: Perform debeaking. Time: 1 hour /1000 birds. Standard/Criteria: <ul style="list-style-type: none"> Debeaking is done free from blood; The trimmed lower beak is maintained somewhat longer than the upper beak. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of debeaking; Points to be considered while debeaking; Heat requirement of debeaking process; Procedure of debeaking. 		
Safety/precaution	<ul style="list-style-type: none"> Separate the debeaked chicks from non-debeaked chicks; Handle debeaked chicks carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Debeaker, tester, pilas; Table , chair, electricity; Povidine iodine solution or himex. 		

Task number	65.		
Task statement:	Feed rearing chicks		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Recommended feeds for different age group; Recommended quantity per bird; Number and age group of chicks; Task: Feed rearing chicks. Time: 30 minutes /1000 chicks. Standard/Criteria: <ul style="list-style-type: none"> Recommended feed and quantity is fed; Feeder is cleaned, (Generally Nanglo is used as feeder); Feed is spreaded or free from mass; Feeding is ensured free from waste. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of feeding rearing chicks; Points to be considered while feeding rearing chicks; Feed requirement for rearing chicks phase is (5% CP) (A starter diet is about 4% protein, grower diet 0% protein, and finisher diet 18% protein (1). Layer diets generally have about 16% protein); Procedure of feeding rearing chicks. 		
Safety/precaution	<ul style="list-style-type: none"> Watch out the quality of the feed; The feed should be dry and free from fungus. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Sack, mug, dust pan , feed , shovel; Nanglo, paper and weighing machine. 		

Task number	66.		
Task statement:	Feed adult / pullet chicken		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Poultry farm with above 15 days' chicks; Types or purposed of chicks rearing; Quantity or number of chicks. Task: Feed adult/pullet chicken. Time: 30 minutes /1000 chicks. Standard/Criteria: <ul style="list-style-type: none"> Feed is provided as per the recommendation; Feed is applied as per the age and number of chicks; Feed is kept as per the capacity of feeder; Feeding is ensured free from wastage. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of feeding adult/pullet chicken; Feed requirement of adult chicks; Points to be considered while feeding adult/pullet chicken; Procedure of feeding adult/pullet chicken. 		
Safety/precaution	<ul style="list-style-type: none"> Watch out the quality of the feed; The feed should be dry and free from fungus. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Feeder, rope, feeder shovel; Wheel barrow and weighing machine. 		

Task number	67.		
Task statement:	Manage drinker or water.		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Number of chicks or poultry birds; • Methods of water supply system in the poultry farm. Task: Manage drinker or water. Time: 30 minutes /1000 birds. Standard/Criteria: <ul style="list-style-type: none"> • Birds are ensured to take water freely and comfortably; • Water is not spilled out from the drinker; • Water is treated or hygiene. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of managing drinker; • Points to be considered while managing drinker; • Water requirement for different group of poultry birds; • Procedure of managing drinking water in the poultry shed. 		
Safety/precaution	<ul style="list-style-type: none"> • Free from leakage of drinker is prime. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Drinker, water; • Drum, pipe, pump; • Motor, disinfectant / antiseptic; • Jug and measuring cylinder. 		

Task number	68.		
Task statement:	Manage laying nest		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Types of housing system; • Types of nest; • Number of layers; Task: Manage laying nest. Time: 30 minutes /100 layers. Standard/Criteria: <ul style="list-style-type: none"> • All nests are arranged in line as per the given housing system; • Nests are fixed with each other by rope. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning laying nest and importance of managing laying nest; • Points to be considered while managing laying nest; • Procedure of managing laying nest. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wares; • Hygienic nest is critical. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Nanglo, tray; • Laying nest; • Crate, dalo and litter. 		

Task number	69.		
Task statement:	Collect eggs		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Layers / breeder farm • Number of breeding stocks. Task: Collect eggs. Time: 30 minutes /1000 eggs collection. Standard/Criteria: <ul style="list-style-type: none"> • Eggs are free from broken; • Eggs are arranged in crate; • Pointed end of the eggs are kept down to keep the yolk centered; • Eggs are made free from dirt, dust and feces; • Nest are made free from eggs. 		
Related technical knowledge	<ul style="list-style-type: none"> • Egg structure; • Importance of collecting eggs; • Points to be considered while collecting eggs; • Procedure of collecting eggs. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the eggs gently. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Crate, bucket, wiper; • Rope, water; • Cartoon and scrub. 		

Task number	70.		
Task statement:	Perform cleaning and grading of eggs.		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Collected eggs from nest; • Quantity of eggs. Task: Perform cleaning and grading of eggs. Time: 30 minutes /1000 eggs. Standard/Criteria: <ul style="list-style-type: none"> • Eggs are made free from dirt/dust; • Similar sized eggs are kept in one container; • Broken and different sized eggs are separate; • Graded eggs are kept in egg crate. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of cleaning and grading of eggs; • Points to be considered while cleaning and grading of eggs; • Procedure of cleaning and grading of eggs. 		
Safety/precaution	<ul style="list-style-type: none"> • Eggs are fragile. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Crate , bucket; • Store room ,spirit; • Clean cloth, brush; • Soap, water and towel. 		

Task number	71.		
Task statement:	Perform culling		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Stock in poultry farm; • Quantity birds. Task: Perform culling. Time: 30 mins /500 chicken. Standard/Criteria: <ul style="list-style-type: none"> • Remaining stocks are kept healthy i.e. free from disability, sicknesses, diseases and unproductivity; • Culled chickens are managed in different place and different purpose. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of culling; • Points to be considered while culling; • Procedure of culling. 		
Safety/precaution	<ul style="list-style-type: none"> • Mixing healthy chicks with unhealthy chicks needs to be avoided. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Tarpaulin / chitro, rope; • Net and chair. 		

Task number	72.		
Task statement:	Perform sexing of chicks		
Level of task:	Significance	Ease	Occurrence
	3	1	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Stocks of day old chicks; • Methods of sexing; • Quantity to be performed sexing. Task: Perform sexing of chicks. Time: 35 minutes /500 chicks. Standard/Criteria: <ul style="list-style-type: none"> • Male and female are separated; • Chicks are free from any injuries; • Male (chicks with comb and long tail); • Female (short comb and short tail); • Distinguished chicks are separated. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of distinguishing sex of chicks; • Points to be considered while distinguishing sex of chicks; • Characteristics of male and female chicks; • Procedure of distinguishing sex of chicks. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle chicks gently. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Chicks of different sex; • Protoscope, soap; • Water and towel. 		

Task number	73.		
Task statement:	Detect sick animals by external signs and symptoms		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Suspected animal Task: Detect sick animals by external signs and symptoms Time: 20 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> Observation report matched with the observation made by the supervisor. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of detecting sick animals External signs and symptoms of sick animals; Points to be considered while detecting sick animals. 		
Safety/precaution	<ul style="list-style-type: none"> Stand 5 m. away from animal. 		
Tools, equipment and materials	<ul style="list-style-type: none"> PPE 		

Task number	74.		
Task statement:	Take case history		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Standard format; Suspected animal and animal /owner Task: Take case history. Time: 5 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> Case history is recorded as per the prescribed format; Questions are asked in sequence; Important facts are recorded. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of taking case history; Points to be considered while taking case history; Procedure of taking case history; Symptoms of diseases. 		
Safety/precaution	<ul style="list-style-type: none"> Ask politely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Record book and pen. 		

Task number	75.		
Task statement:	Take rectal temperature		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Suspected animal; Prescribed procedure. Task: Take rectal temperature. Time: 3 minutes /animal Standard/Criteria: <ul style="list-style-type: none"> Prescribed or given procedure is followed. 		

Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of taking rectal temperature, • Points to be considered while taking rectal temperature, • Procedure of taking rectal temperature, • Normal temperature of animals and birds.
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wares; • Be aware of animals.
Tools, equipment and materials	<ul style="list-style-type: none"> • Thermometer, cotton; • Spirit, PPE and trabis.

Task number	76.		
Task statement:	Take pulse rate		
Level of task:	Significance	Ease	Occurence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Sick animals; • Standard procedure. Task: Take pulse rate. Time: 5 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> • Pulse rate is taken as per the prescribed criteria or given procedure or • The temperature taken by the performer is matching with the temperature taken by the supervisor. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of taking pulse rate; • Points to be considered while taking pulse rate; • Procedure of taking pulse rate; • Normal pulse rate of different animals. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wears; • Handle the animal carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Trabis. 		

Task number	77.		
Task statement:	Take respiration rate		
Level of task:	Significance	Ease	Occurence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Sick animals; • Standard procedure. Task: Take respiration rate. Time: 5 minutes /animal or bird. Standard/Criteria: <ul style="list-style-type: none"> • Respiration rate is taken as per the prescribed criteria. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of taking respiration rate; • Points to be considered while taking respiration rate; • Procedure of taking respiration rate; • Respiration rate of different farm animals. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle the animal carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Stethoscope and trabis 		

Task number	78.		
Task statement:	Take faecal sample		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Suspected sick animal. Task: Take faecal sample Time: 10 minutes /sample. Standard/Criteria: <ul style="list-style-type: none"> Faecal sample is taken 1 teaspoon; Faecal sample is taken from rectum; Faecal is collected in sample container; Sample container is labelled. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning faecal sample and importance of taking faecal sample; Points to be considered while taking faecal sample; Information to be mentioned in faecal sample; Procedure of taking faecal sample. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wares. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Sample container; PPE; Label sticker and pen, 		

Task number	79.		
Task statement:	Perform smear test		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Faecal sample; Procedure of faecal sample test. Task: Perform smear test. Time: 15 minutes /sample. Standard/Criteria: <ul style="list-style-type: none"> Testing is as per the given standard procedure Or The test result is as per the test result of the supervisor.		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of smear test; Points to be considered while conducting smear test; Parasites that can be detected by smear test; Procedure of smear test. 		
Safety/precaution	<ul style="list-style-type: none"> Handle the tools and glassware carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Glass slide, microscope; Sample , water; Glass , paper , Coverslip and safety wares. 		

Task number	80.		
Task statement:	Perform flotation test		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Faecal sample; Standard procedure of flotation test. Task: Perform flotation test Time: 30 minutes /sample Standard/Criteria: <ul style="list-style-type: none"> Testing is done as per the given standard procedure Or The test result is matched with the test result of the supervisor.		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of flotation test; Points to be considered while conducting flotation test; Parasites that can be detected by flotation test; Procedure of flotation test. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wares; Handle glassware carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Glass slide, microscope; Sample, water; Glass, paper; Cover slip and safety wares. 		

Task number	81.		
Task statement:	Perform sedimentation test.		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Faecal sample; Procedure of sedimentation test. Task: Perform sedimentation test. Time: 30 minutes /sample. Standard/Criteria: <ul style="list-style-type: none"> Testing is done as per the given standard procedure Or The test result is matched with the test result of the supervisor.		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of sedimentation test; Points to be considered while conducting sedimentation test; Parasites that can be detected by flotation test; Procedure of sedimentation test. 		
Safety/precaution	<ul style="list-style-type: none"> Handle the animal carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Glass slide, microscope, sample; Container, water; Glass, paper; Cover slip and safety wares. 		

Task number	82.		
Task statement:	Estimate body weight		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Any livestock farm; Types and number of animal species. Task: Estimate body weight. Time: 30 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> The estimated body weight is ± 5 kg with the body weight estimated by the supervisor (In the case of big 9 (cow/buffalo) animal); The estimated body weight is \pm kg with the body weight estimated by the supervisor (In the case of small (sheep/goat) animal). 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of estimating body weight; Points to be considered while estimating body weight; Different methods of live weight estimation; Procedure of estimating body weight. 		
Safety/precaution	<ul style="list-style-type: none"> Measurement needs to be accurate; Handle the animal carefully. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Measuring tape, calculator; Pen and copy. 		

Task number	83.		
Task statement:	Administer medicine orally		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal species; Estimated body weight; Types of medicine to be administered. Task: Administer medicine orally. Time: 15 minutes /dose of medicine. Standard/Criteria: <ul style="list-style-type: none"> The administration of medicine is made free from spillage; Dose is calculated and determined as per the estimated body weight; Animal is kept safe; Safety measures are applied. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of administering medicine orally; Points to be considered while administering medicine orally; Procedure of administering medicine orally; Different tools used to administer medicine orally. 		
Safety/precaution	<ul style="list-style-type: none"> Comply the estimated body weight with calculated medicine; Apply safety wares. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, drenching gun, bolus gun; Drenching bottle, medicine; Water, stomach tube and funnel. 		

Task number	84.		
Task statement:	Give Intramuscular (I/M) Injection		
Level of task:	Significance	Ease	Occurrence
	3	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal species, estimated body weight, Types of medicine to be administered through I/M route; Recommended dose; Standard procedure of I/M injection. Task: Give Intramuscular (I/M) Injection. Time: 15 minutes /dose. Standard/Criteria: <ul style="list-style-type: none"> The administration of medicine through I/M route is done as per the given standard procedure. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of I/M injection; Points to be considered while giving I/M injection; Types of medicine that can be administered through I/M route; Procedure of giving I/M injection. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wares; Assure air bubble is removed from the syringe before injecting the medicine. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, syringe; Needle, medicine; Cotton swab, antiseptic; Soap water and towel. 		

Task number	85.		
Task statement:	Give sub-cutaneous (s/c) injection		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal species and estimated body weight; Types of medicine; Standard procedure of s/c injection. Task: Give sub-cutaneous (s/c) injection. Time: 15 minutes /dose. Standard/Criteria: <ul style="list-style-type: none"> The administration of medicine through s/c route is done as per the given standard procedure. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of s/c injection; Points to be considered while giving s/c injection; Procedure of giving s/c injection; Types of medicine that can be administered through s/c route. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wares; Assure air bubble is removed from the syringe before injecting the medicine. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, syringe, needle medicine; Cotton swab, antiseptic; Soap, water and towel. 		

Task number	86.		
Task statement:	Give intravenous (I/V) injection		
Level of task:	Significance	Ease	Occurrence
	3	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal species, estimated body weight; Types of medicine; Standard procedure of giving i/v injection. Task: Give intravenous (I/V) injection. Time: 15 minutes /dose. Standard/Criteria: <ul style="list-style-type: none"> The administration of medicine through I/V route is done as per the given standard procedure. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of I/V injection; Points to be considered while giving I/V injection; Types of medicine that can be administered through I/V route; Procedure of giving I/V injection. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wares; Assure air bubble is removed from the syringe before injecting the medicine. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, syringe; Needle, medicine; Cotton swab , antiseptic; Soap, water and towel. 		

Task number	87.		
Task statement:	Administer medicine by intra-mammary glands		
Level of task:	Significance	Ease	Occurrence
	3	1	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal with mastitis case; Types of medicine; Standard procedure. Task: Administer medicine by intra-mammary glands. Time: 15 minutes /dose. Standard/Criteria: <ul style="list-style-type: none"> The administration of medicine through intra-mammary glands is performed as per the given standard procedure; Estimated medicine is as per the live weight. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of administering medicine by intra-mammary glands; Points to be considered while administering medicine by intra-mammary glands; Types of medicine that can be administered through Intra mammary glands; Procedure of administering medicine by intra-mammary glands. 		
Safety/precaution	<ul style="list-style-type: none"> Accuracy of medicine is essential; Apply safety wares. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, teat siphon, medicine, teat cutter; Warm water, soap; Spirit/antiseptic cotton swab and towel. 		

Task number	88.		
Task statement:	Administer medicine through ocular route		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Types of animal / bird and their number; Types of medicine; Prescription or standard procedure. Task: Administer medicine through ocular route. Time: 5 minutes /animal or birds. Standard/Criteria: <ul style="list-style-type: none"> Medicine is administered as per the standard procedure; No external dropping is found (Free from external dropping); Animal is kept safe; Dose is administered as per the prescription provided. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of administering medicine through ocular route; Points to be considered while administering medicine through ocular route; Types of medicine administered through ocular route; Procedure of administering medicine through ocular route. 		
Safety/precaution	<ul style="list-style-type: none"> Accuracy of dose is critical; Apply safety wares. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares ,Medicine, dropper; Ice pack (if vaccine), water, soap and towel. 		

Task number	89.		
Task statement:	Administer medicine through nostrils		
Level of task:	Significance	Ease	Occurrence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal / bird and their number; Prescription and standard procedure. Task: Administer medicine through nostrils. Time: 1 minute /bird Standard/Criteria: <ul style="list-style-type: none"> Medicine is administered as per the standard procedure; No external dropping is found (Free from external dropping); Animal is kept safe; Dose is administered as per the prescription provided. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of administering medicine through nostrils; Points to be considered while administering medicine through nostrils; Procedure of administering medicine through nostrils; Types of medicine that can be administered through nostrils. 		
Safety/precaution	<ul style="list-style-type: none"> Accuracy of dose is critical; Apply safety wares. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, medicine; Dropper, ice pack (if vaccine); Sprayer, water, soap and towel. 		

Task number	90.		
Task statement:	Perform topical application of medicine		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal with skin diseases / external parasites; Types of animal or animal species; Required concentration (% or ppm.). Task: Perform topical application of medicine. Time: 30 minutes /animal Standard/Criteria: <ul style="list-style-type: none"> The topical medicine is applied as per the standard procedure; Estimated medicine is administered as per the given % or ppm of the solution. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of topical application of medicine; Points to be considered while applying topical medicine; Types of medicine that are applied topically; Procedure of medicine application topically. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wares; The medicine is not applied in natural opening areas; Mask is applied to the animal. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, water; Medicine, cotton, bandage; Bucket, brush, sprayer soap and towel. 		

Task number	91.		
Task statement:	Perform dipping		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Animal and their number; % or ppm of dipping solution. Task: Perform dipping. Time: 15 minutes /animal. Standard/Criteria: <ul style="list-style-type: none"> The strength of dipping solution is maintained as per the given specification; No leakage of solution is found on the ground; Animal is dipped up to ½ minute. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of dipping; Points to be considered while dipping; Avoid licking by animals; Procedure of dipping. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wares; Accuracy of ppm. is essential to dipped. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Mask, kokro, cotton; Swab, medicine; Measuring cylinder, water; Soap, towel, and tank. 		

Task number	92.		
Task statement:	Prepare land for sowing and planting		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Land, area required to be prepared; Species of crops/ grasses to be grown; Required quantity of grass to be produced. Task: Prepare land for sowing and planting. Time: 15 minutes /square meter. Standard/Criteria: <ul style="list-style-type: none"> Soil is pulverized; Manure is mixed in the soil; Prepared land is consistent and levelled. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of preparing land; Points to be considered while preparing land; Procedure of preparing land; Manure/ fertilizer application; Season of growing different grasses; Common grasses that can be cultivated; Moisture content. 		
Safety/precaution	<ul style="list-style-type: none"> Safety is critical; Pulverized soil condition is prime requirement. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Tractor, bull, plough set; Spade, manure; Rack and wheel barrow. 		

Task number	93.		
Task statement:	Inoculate seeds		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Legume grass seeds; Types of culture; Types of seeds and quantity to be treated. Task: Inoculate seeds. Time: 5 minutes /sq.kg. Standard/Criteria: <ul style="list-style-type: none"> Seeds are covered with a thin layer of bacteria containing dust; Inoculated seeds are spreaded on shed. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of inoculation of seeds; Points to be considered while inoculating seeds; Procedure of inoculation; Inoculations materials. 		
Safety/precaution	<ul style="list-style-type: none"> Matching of culture and plant species is critical. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Seeds, tarpaulin, water; Rhizobium bacteria containing inoculation dust. 		

Task number	94.		
Task statement:	Sow seeds		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site and location of land; • Prepared land, area for seed sowing. Task: Sow seeds Time: 5 minutes /sq.meter. Standard/Criteria: <ul style="list-style-type: none"> • Seeds are sown uniformly; • Seed is calculated as per the spacing requirement /crop species; • Seeds are covered based on the size of the seed (covered by soil times of seed size). 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of sowing seeds; • Methods of seeds sowing; • Points to be considered while sowing seeds, • Procedure of sowing seeds. 		
Safety/precaution	<ul style="list-style-type: none"> • Mix tiny seeds in other inert matter for uniformity. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Seeds, spade, bucket; • Tractor, rotavator; • Water and sand. 		

Task number	95.		
Task statement:	Transplant saplings		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Prepared land /pit; • Types of saplings; • Standard reference of planting distance; • Quantity of saplings to be planted. Task: Transplant saplings. Time: 5 minutes /plant. Standard/Criteria: <ul style="list-style-type: none"> • Planted saplings are straight; • Spacing is given as per the given standard reference; • Roots are made under the soil up to ' ' below the surface of the land; • Land is pressed after planting; • Irrigation is done immediately after transplantation. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of transplanting; • Points to be considered while transplanting; • Procedure of transplanting. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wares; • Keep earth ball of the sapling while removing plastic bag. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Spade, kuto, watering cane; • Bucket, saplings and water. 		

Task number	96.		
Task statement:	Perform interculture operation		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> • Site or location of the land and its area; • Land with standing crop or planted land; • Types of crops; • Types of intended interculture operation. <p>Task: Perform interculture operation.</p> <p>Time: N/A (depends on types of interculture operation).</p> <p>Standard/Criteria:</p> <ul style="list-style-type: none"> • Land/plants are irrigated as requirement; • Land is made free from weeds; • Plants are made free from insects /pests; • Spacing is given as per the requirement of species (thinned); • Plants are kept safe and provided support; • Degradable waste are disposed in compost pit. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of interculture operation; • Points to be considered while performing interculture operation; • Procedure of different types of interculture operation; • Timing of interculture operation; • Methods of controlling pests; • The range of moisture content of soil. 		
Safety/precaution	<ul style="list-style-type: none"> • Do not harm useful plants; • Use tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Electricity, flexible pipe/ water can, electric motor, water supply; • Sprayer, spade/kuto, fertilizer, pesticide, doko/wheel barrow and compost pit. 		

Task number	97.		
Task statement:	Harvest fodder/grass		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> • Grassland that is ready to harvest; • Harvesting methods; • Quantity to be harvested. <p>Task: Harvest fodder/grass</p> <p>Time: 1 quintal /hr.</p> <p>Standard/Criteria:</p> <ul style="list-style-type: none"> • Rattons are maintained 5" (napier, barseen/bajara); • Fodder tree are kept safe; • Cutting is done in slanted position; • Cutting season and interval is as per the standard references; • Free from wastage of cut grass. 		
Related technical knowledge	<ul style="list-style-type: none"> • Meaning and importance of harvesting fodder/grass, • Points to be considered while harvesting fodder/grass, • Standard references of cutting season and interval;; • Procedure of harvesting fodder/grass. 		
Safety/precaution	<ul style="list-style-type: none"> • Handle tools safely; • Ensure wright season and cutting interval of the grasses. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Grass cutter, sickle, rope; • Power tractor, trolley and wheel barrow. 		

Task number	98.		
Task statement:	Harvest grass seeds		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Field with ripened seeds/crops;; Types of grass plants; Quantity to be harvested. Task: Harvest grass seeds. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Harvested seeds are healthy and uniform; Harvested seeds are free from foreign materials; Harvested seeds are dry; Harvested seeds are stored after levelling. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of harvesting seeds, Points to be considered while harvesting seeds, Time and season of harvesting of different species grasses; Procedure of harvesting different grasses seeds. 		
Safety/precaution	<ul style="list-style-type: none"> Harvest separately; Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Tarpaulin, sack , plastic, bucket; Seed bag, thread, needle; Weighing balance, threshing machine, moisture meter; Sieve, grader, sickle, grass cutter and winnowing machine. 		

Task number	99.		
Task statement:	Make silage		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Quantity to be made; Location/site of silo pit; Methods of making silage; Task: Make silage. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> The silage preparation is done as per the given procedure; Maturation period of 45 days is given (minimum); Silage is made free from fungal growth; Color of the silage is seen light yellow; Odor of the silage is sour; Silage is placed away from direct sunlight; Plastic container for storage is air tight. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance silage; Points to be considered while making silage; Stages of crops to make silage; Types of crop / grasses that can be used to make silage; Procedure of making silage. 		
Safety/precaution	<ul style="list-style-type: none"> Handle tools safely. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Tarpaulin / plastic sheet, grass, chopping machine, plastic bag; Drum, container/pit, molasses, salt; Silo pit, lukewarm water, sealing machine. 		

Task number	100.		
Task statement:	Make hay		
Level of task:	Significance	Ease	Occurrence
	3	3	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Harvested grass; Quantity of hay required; Types of grass or crop plants; Site or location to prepare hay. Task: Make hay. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Hay is seen green in color; Moisture content is found below 1 %; Hay is found free from fungal growth; Hay is stored in dry place. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of hay; Points to be considered while making hay; Stages of grass to make hay; Types of crops / grass species to make hay; Procedure of making hay. 		
Safety/precaution	<ul style="list-style-type: none"> Hay should be dried in shed. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Grass cutter, sickle; Rope, hay stick and wire. 		

Task number	101.		
Task statement:	Estimate feed		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Number of animal/bird to be feeded; Types of animal /bird and age group. Task: Estimate feed requirement. Time: 45 minutes /1 month feed requirement. Standard/Criteria: <ul style="list-style-type: none"> Estimation done by the performer matches with the estimation done by the supervisor. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of estimating feed requirement; Points to be considered while estimating feed requirement; Nutrients requirement for different group, types of animal/ bird, Types of feed as per feed requirement per day as per the animal /bird species and age group; Procedure of estimating feed requirement. 		
Safety/precaution	<ul style="list-style-type: none"> Consider standard references of feed requirement as per the animal types. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Pen, copy, computer; Feed requirement table or references table. 		

Task number	102.		
Task statement:	Prepare feed by locally available feed ingredients		
Level of task:	Significance	Ease	Occurrence
	2	2	2
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> Locally available feed ingredients; Quantity of feed required; Types of feed required; Standard references of nutrient contents. <p>Task: Prepare feed by locally available feed ingredients.</p> <p>Time: N/A (Depends on HP of machine).</p> <p>Standard/Criteria:</p> <ul style="list-style-type: none"> Feed is prepared as per the given types of animal species and age group; Nutrient contents are ensured as per the provided standard nutrients requirement table. 		
Related technical knowledge	<ul style="list-style-type: none"> Importance of preparing feed by locally available feed ingredients; Points to be considered while preparing; Nutrient requirement of different types and age group of animal/ bird; Nutrient contents in different ingredients; Common feed suppliers found in surroundings; Procedure of preparing feed by locally available feed ingredients. 		
Safety/precaution	<ul style="list-style-type: none"> Apply standard nutrient requirement table or references. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Maize, wheat, egg, soybean, buckwheat, gram, mineral mixture, salt, molasses, vitamin, bone meal, fish meal, machine, wheel barrow; Bag, sack, weighing balance, marble, red soil, different types of cake, water, sewing machine, calcium supplement and limestone; 		

Task number	103.		
Task statement:	Arrange natural mating / breeding		
Level of task:	Significance	Ease	Occurrence
	3	2	2
Terminal performance standard	<p>Given Condition:</p> <ul style="list-style-type: none"> Animal in heat period; In absence of A/I facilities/provision. <p>Task: Arrange natural mating/breeding</p> <p>Time: 45 minutes /animal.</p> <p>Standard/Criteria:</p> <ul style="list-style-type: none"> Heat period is detected; Both animals are kept safe; Conception is observed during the meeting; Mating is arranged as per the desired breed. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance natural mating/breeding; Points to be considered while arranging natural mating/breeding; Sign and symptoms of heat period and estrus cycle; Procedure of arranging natural mating/breeding; Desirable characters of breeding animal/ bird; Sign and symptoms of animal in heat. 		
Safety/precaution	<ul style="list-style-type: none"> Apply reference of mating timing of the species; Handle animal gently. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Rope, peg, Travis, safety wares and water. 		

Task number	104.		
Task statement:	Arrange Artificial Insemination (A/I)		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> If A/I facilities are not available within the farm; Contract details of AI service provider; Species of animal in heat. Task: Arrange A/I Time: 1 hour /animal. Standard/Criteria: <ul style="list-style-type: none"> The performer is arranged AI within 12-18 hours in case of cattle; The performer is arranged AI within 20-30 hours in case of buffalo; The performer is arranged AI within 4 hours in case of goat; The performer is arranged AI within 7 hours two times per week in case of birds; The performer is arranged AI within 3- 4 hrs. in case of swine. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of AI; Points to be considered while arranging AI; Effective mating time of different species of animal / bird, Sign and symptoms of heat period of different species of animals/ birds; Procedure of arranging AI. 		
Safety/precaution	<ul style="list-style-type: none"> Accurate AI timing is prime. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Contact number, phone or contract details of the expert technician. 		

Task number	105.		
Task statement:	Assist to perform AI in animals		
Level of task:	Significance	Ease	Occurrence
	3	1	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> AI facilities available in the farm; Animal in heat period. Task: Assist to perform AI in animals. Time: 30 minutes /animal Standard/Criteria: <ul style="list-style-type: none"> AI timing is as given per the animal species during the heat period; Semen used is as per the desired breed and species; AI is performed as per the standard procedure; Post AI instruction or suggestions are provided. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of AI; Points to be considered while performing AI; Number and types of breed; Temperature requirement for storage of semen; Standard Procedure of AI in different species of animal; Post AI instruction or suggestions. 		
Safety/precaution	<ul style="list-style-type: none"> Select right mating or AI time based on references. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Safety wares, Hot water (30-40 degree Celsius), semen, AI gun; AI sheet, frozen semen, scissor, cotton, soap ,water, towel; Liquid nitrogen, AI referee, AI bag, copy, pen and record card. 		

Task number	106.		
Task statement:	Perform AI in birds		
Level of task:	Significance	Ease	Occurrence
	2	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Parent stock (male and female) in poultry farm Number of birds of parent stock for AI. Task: Perform A/I in birds. Time: 5 minutes /birds. Standard/Criteria: <ul style="list-style-type: none"> Male and female are stress free; Male and female are in separate pen; Standard procedure of A/I for bird is followed. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of sex semen; Points to be considered while performing AI in birds; Number and types of common breed; Signs and symptoms of stress; Procedure of performing A/I in birds. 		
Safety/precaution	<ul style="list-style-type: none"> Apply safety wears; Follow the standard procedure of A/I in birds. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Apron, spirit swab, table; Chair, chitro, cloth, gloves; Syringe, beaker, boots, soap and towel. 		

Task number	107.		
Task statement:	Store silage		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Prepared silage; Quantity of silage to be stored; Store room and location. Task: Store silage Time: N/A Standard/Criteria: <ul style="list-style-type: none"> Silage is stored in dry place; Silage is stored in pile; Label is kept visible; Following labels are marked: Lot no, types of grasses used, manufactured date, expiry date and stored date. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of storing silage, Points to be considered while storing silage, Procedure of storing silage. 		
Safety/precaution	<ul style="list-style-type: none"> Provide level; Store in cool and dry place. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Wheel barrow, marker; Label sticker, silage and store facilities. 		

Task number	108.		
Task statement:	Store hay		
Level of task:	Significance	Ease	Occurrence
	3	2	1
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Site and location of store; • Quantity of hay to be stored; Task: Store hay. Time: N/A Standard/Criteria: <ul style="list-style-type: none"> • Storage room is kept cool and dry; • Hay is piled in sequence; • Store is kept free from access of rodents, cats and other animals and birds. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of storing hay; • Points to be considered while storing hay; • Procedure of storing hay. 		
Safety/precaution	<ul style="list-style-type: none"> • Avoid to store wet and high moisture content hay. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Wheel barrow, tractor, trolley; • Rope and tarpaulin/ plastic sheet. 		

Task number	109.		
Task statement:	Store feed		
Level of task:	Significance	Ease	Occurrence
	3	2	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> • Types of feed and lot numbers; • Quantity of feed and quantity; • Store room and location. Task: Store feed. Time: 1 hour /lot. Standard/Criteria: <ul style="list-style-type: none"> • Feeds are labelled; • Store room is kept cool and dry; • Lot wise piling is done; • First in first out arrangement is ensured; • Storage activities are recorded. 		
Related technical knowledge	<ul style="list-style-type: none"> • Importance of storing feed; • Points to be considered while storing feed; • Standard procedure of storing feed. 		
Safety/precaution	<ul style="list-style-type: none"> • Apply safety wears; • Feed sequence is critical as per the feed lot; • Work carefully while piling the sacks. 		
Tools, equipment and materials	<ul style="list-style-type: none"> • Partition wooden racks; • Wheel barrow; • Light, ladder and record format. 		

Task number	110.		
Task statement:	Develop forms and format for record keeping		
Level of task:	Significance	Ease	Occurrence
	3	3	2
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Livestock form; Sample of records or Objectives of record. Task: Develop forms and format for record keeping. Time: 20 minutes /format. Standard/Criteria: <ul style="list-style-type: none"> Formats are prepared as per the objectives or Formats are prepared as per given sample; Formats for stock, storage, feed, production, breeding, sales, vaccination, disease outbreak, preventative measures, treatment and workers are prepared. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of record keeping; Types of farm records: stock records, storage record, feed records, production record, breeding records, identification records, sales record, vaccination record, disease outbreak record, treatment record and workers records. 		
Safety/precaution	<ul style="list-style-type: none"> Objectives of record and desired samples are useful. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Computer, printer, register or record books; Stationary kit, white paper, record file and record tag. 		

Task number	111.		
Task statement:	Keep records		
Level of task:	Significance	Ease	Occurrence
	3	3	3
Terminal performance standard	Given Condition: <ul style="list-style-type: none"> Livestock form Events or activities information; Record formats Task: Fill forms/format for record keeping. Time: 1 hour /day activities. Standard/Criteria: <ul style="list-style-type: none"> Record keeping formats are filled up; Formats are filled as per required activities/information; All information's recorded are correct, clear and updated. 		
Related technical knowledge	<ul style="list-style-type: none"> Meaning and importance of record keeping; Common farm records: stock records, storage record, feed records, production record, breeding records, identification records, sales record, vaccination record, disease outbreak record, treatment record, workers records. 		
Safety/precaution	<ul style="list-style-type: none"> Apply prescribed forms or format for recording; Update as per the activities performed. 		
Tools, equipment and materials	<ul style="list-style-type: none"> Computer, printer, register or record books; Stationary kit, white paper, record file and record tag. 		





**Establishing an Employer led
Labour Market Secretariat**

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