



Animal Health Worker

QP Code: AGR/Q4804

Version: 1.0

NSQF Level: 3

Agriculture Skill Council of India || Agriculture Skill Council of India (ASCI), 6th Floor, GNG Tower, Plot
No. 10
Sector -44

Qualification Pack

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Qualification Pack

AGR/Q4804: Animal Health Worker

Brief Job Description

An Animal Health Worker provides preventive health care, assistance in contagious disease control and basic first aid services to farm animal and poultry, mostly in the outdoor setting. S/he also plays a role in veterinary extension, disaster management and other environmental, public health related services.

Personal Attributes

An Animal Health Worker should have a mind for science, belongingness to the community, compassion for animals, good leadership, communication and observation skills. S/he should be physically strong and have manual dexterity to perform on the job.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [AGR/N4801: Controlling and restraining of animals.](#)
2. [AGR/N4802: Implementing regular preventive animal health care program](#)
3. [AGR/N4805: Veterinary First Aid](#)
4. [AGR/N4807: Assisting government agencies in animal disease control.](#)
5. [AGR/N4808: Assisting in veterinary extension Services](#)
6. [AGR/N4810: Development program implementation and marketing in livestock sector](#)
7. [AGR/N4813: Assisting in animal welfare , breed conservation and disaster management.](#)
8. [AGR/N4821: Implementation of animal breeding services in small farm animals \(if required\)](#)

Qualification Pack (QP) Parameters

Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
Country	India
NSQF Level	3
Aligned to NCO/ISCO/ISIC Code	NCO-2015/NIL

Minimum Educational Qualification & Experience	8th Class with 1-2 Years of experience Experience in community/village level work is preferable.
Minimum Level of Education for Training in School	8th Class
Pre-Requisite License or Training	NA
Minimum Job Entry Age	17 Years
Last Reviewed On	14/06/2017
Next Review Date	14/06/2021
Deactivation Date	14/06/2021
NSQC Approval Date	18/06/2015
Version	1.0

AGR/N4801: Controlling and restraining of animals.

Description

This OS unit is about controlling and restraining of animals for examination, surgery and administration of drugs.

Scope

This unit/task covers:-Various aspects such as understanding of animal behavior and responses, application of safety guidelines and use of tools and equipment.

Elements and Performance Criteria

Understand normal animal behavior , stimulus and responses of handled species

To be competent, the user/individual on the job must be able to:

PC1. prepare and make the animal to cooperate during handling

Apply general principles of animal handling and safety guidelines.

To be competent, the user/individual on the job must be able to:

PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely.

PC3. achieve minimum stress and injury to the animal

PC4. ensure zero accident.

Use of tools and equipment to restrain animals

To be competent, the user/individual on the job must be able to:

PC5. follow the prescribed procedures related to each tools and equipment

Understanding of safety issues in the work environment

To be competent, the user/individual on the job must be able to:

PC6. protect oneself from any physical injury arising out of animal handling

PC7. use various personal protective materials / equipment.

PC8. assess the risk of diseases which can be transmitted from animal to human

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant legislation, standards, policies, and procedures in work

KU2. relevant health and safety requirements applicable in the work environment

KU3. own job role and responsibilities and sources for information pertaining to work

KU4. who to approach for support in order to obtain work related information, clarifications and support

KU5. importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business

KU6. documentation and related procedures applicable in the context of work

KU7. relevant organizational policy on health event reporting / record keeping.

KU8. understanding of supervisory structure

KU9. basics of animal behavior, possible stimulus and negative responses.

- KU10.** safety guidelines in animal handling.
- KU11.** knowledge of flight zone, point of balance and procedure of holding animal securely and safely
- KU12.** knowledge related to appropriate use of tools and equipment to restrain animals

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** prepare a brief case report.
- GS2.** fill data sheet / health monitoring proforma
- GS3.** read government / organizational guideline / manuals.
- GS4.** keep abreast with the latest knowledge by reading brochures, pamphlets, and other animal behavior and handling related information sheets.
- GS5.** read directives from government / organization / supervising veterinarians.
- GS6.** discuss task lists, schedules, etc. with co-workers
- GS7.** explain farmers / clients on use of tools / equipment in restraining.
- GS8.** give clear suggestions / guidance to farmers / clients
- GS9.** make decisions related to use of techniques / tools and equipment based on animal behavior.
- GS10.** plan various procedures
- GS11.** attend and make use of exposure visit
- GS12.** work with organic farming experts
- GS13.** manage relationships with laborers and other co-farmers
- GS14.** identify problems immediately and take up solutions quickly to resolve delays
- GS15.** investigate and analyze stimuli and animal behavior.
- GS16.** take up ones own working and learning

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Understand normal animal behavior , stimulus and responses of handled species</i>	5	15	-	-
PC1. prepare and make the animal to cooperate during handling	5	15	-	-
<i>Apply general principles of animal handling and safety guidelines.</i>	8	17	-	-
PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely.	2	13	-	-
PC3. achieve minimum stress and injury to the animal	3	2	-	-
PC4. ensure zero accident.	3	2	-	-
<i>Use of tools and equipment to restrain animals</i>	5	25	-	-
PC5. follow the prescribed procedures related to each tools and equipment	5	25	-	-
<i>Understanding of safety issues in the work environment</i>	13	12	-	-
PC6. protect oneself from any physical injury arising out of animal handling	3	2	-	-
PC7. use various personal protective materials / equipment.	5	5	-	-
PC8. assess the risk of diseases which can be transmitted from animal to human	5	5	-	-
NOS Total	31	69	-	-

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4801
NOS Name	Controlling and restraining of animals.
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	14/06/2017
Next Review Date	14/06/2021
NSQC Clearance Date	18/06/2015

AGR/N4802: Implementing regular preventive animal health care program

Description

This OS unit is about providing preventive animal health care.

Elements and Performance Criteria

Animal data recording

To be competent, the user/individual on the job must be able to:

- PC1.** use point of care / field data collection tools (including electronic / mobile based data collection) as per given specifications.
- PC2.** ensure species / population or sample / geographical / specific area coverage for data collection as per given instruction.
- PC3.** regularly collect and submit health, production and breeding data related to attended individual / herd of animals to appropriate authority on time as per given format / criteria.

Risk assessment and identification of preventable endemic disease

To be competent, the user/individual on the job must be able to:

- PC4.** undertake appropriate action which is just for a farmer / client as far as preventing occurrence of preventable known disease(s) in his / her animal / farm is /are concerned

Review of standing technical guideline on control of scheduled / notified disease

To be competent, the user/individual on the job must be able to:

- PC5.** take only such actions / use product / follow procedure which is prescribed in the guideline for the scheduled diseases (s)

Communication of business / health risk and bio-security related information to client

To be competent, the user/individual on the job must be able to:

- PC6.** create future demand for preventive services by appropriately communicating the risk.
- PC7.** ensure high rate of voluntary compliance of bio-security norms

Scheduling of vaccination program

To be competent, the user/individual on the job must be able to:

- PC8.** schedule vaccination program at appropriate time ensuring technical requirement related to environment and convenience of farmer / client.

Pre and post vaccination care

To be competent, the user/individual on the job must be able to:

- PC9.** identify sick animals or animals not fit for vaccination.
- PC10.** be prepared to face any emergency situation following vaccination.
- PC11.** report side-effect (if any)

Handling and Administration of vaccines

To be competent, the user/individual on the job must be able to:

- PC12.** conduct self-evaluation of procedure of procurement / infrastructure for storage etc. and use of vaccines from appropriate source only.
- PC13.** ensure cold chain and compliance of other guideline during transport to farmers / clients place and point of use.
- PC14.** rotate vaccine stock in hand so that oldest vaccines are used first, ensuring that no vaccine is used after expiration date.
- PC15.** follow all scientific guideline related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc.

Preventive de-worming.

To be competent, the user/individual on the job must be able to:

- PC16.** follow local area guideline regarding species, age and season of de-worming.
- PC17.** use only permissible products, following appropriate dose and procedure of administration (as per directive of supervising veterinarian)

Spraying of animals / birds or use of other method for control of ecto-parasites

To be competent, the user/individual on the job must be able to:

- PC18.** use only permissible products, following appropriate dose and procedure of use / application.
- PC19.** ensure scale of operation by involving maximum number of farmers in a given area.
- PC20.** take precaution for minimum effect on animal / immediate environment.

Record keeping of preventive interventions, monitoring and follow up

To be competent, the user/individual on the job must be able to:

- PC21.** ensure record of given vaccine and administration related information (individual / herd level) along with batch numbers etc. as per given format.
- PC22.** timely report vaccine failure to appropriate authority as per format.
- PC23.** support laboratory for sample test etc. as per directive for monitoring of success of vaccination program.
- PC24.** ensure herd coverage and continuity of vaccination program.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** relevant legislation, standards, policies, and procedures in work
- KU2.** relevant health and safety requirements applicable in the work environment
- KU3.** own job role and responsibilities and sources for information pertaining to work
- KU4.** who to approach for support in order to obtain work related information, clarifications and support
- KU5.** importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business
- KU6.** documentation and related procedures applicable in the context of work
- KU7.** relevant government / organizational guideline pertaining to preventive care procedure, use of products and reporting structure etc.
- KU8.** impact / importance of preventive care program vis a vis organizational mandate.
- KU9.** importance of data recording / monitoring vis a vis evaluation of preventive care program.
- KU10.** funding and cost implication / benefit of preventive intervention
- KU11.** use of data collection tool (including electronic)
- KU12.** the prevalent farming system, social, geographical / environmental condition of service area
- KU13.** prevalent diseases vis a vis affected species within the service area which can be prevented
- KU14.** symptoms, period of prevalence, pre-disposing factors.
- KU15.** impact of such disease(s) and its geographical spread.
- KU16.** pre-and post-vaccination care including handling of possible emergencies
- KU17.** type of vaccine and ways, importance of maintaining cool chain.
- KU18.** availability of vaccines within given geographical area, storage and use (e.g. reconstitution etc.)
- KU19.** scientific procedure of vaccine administration.

- KU20.** environmental effect of chemicals used for control of ecto-parasite control
- KU21.** basic concept of herd immunity and measurement of same.
- KU22.** basic concepts of disease prevention in wild free range animals.

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** prepare a brief report / write email at least in local language
- GS2.** fill data sheet.
- GS3.** read government / organizational guideline.
- GS4.** keep abreast with the latest knowledge by reading brochures, pamphlets, and product information sheets.
- GS5.** read government / organizational communications.
- GS6.** discuss task lists, schedules, etc. with co-workers
- GS7.** ask question and listen to farmers / clients to collect required data.
- GS8.** give clear suggestions / guidance to farmers / clients.
- GS9.** make decisions pertaining to the concerned area of work.
- GS10.** plan activities and carry them through effectively involving farmers / clients.
- GS11.** follow given procedures.
- GS12.** use communication tools
- GS13.** participate in organic farming exhibition/seminar/workshop
- GS14.** attend and make use of exposure visit
- GS15.** work with organic farming experts
- GS16.** solve problem arising out of implementation / scheduling of activities
- GS17.** gather information systematically to establish a fact.
- GS18.** take up his own working and learning

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Animal data recording</i>	2	13	-	-
PC1. use point of care / field data collection tools (including electronic / mobile based data collection) as per given specifications.	1	4	-	-
PC2. ensure species / population or sample / geographical / specific area coverage for data collection as per given instruction.	1	4	-	-
PC3. regularly collect and submit health, production and breeding data related to attended individual / herd of animals to appropriate authority on time as per given format / criteria.	-	5	-	-
<i>Risk assessment and identification of preventable endemic disease</i>	1	4	-	-
PC4. undertake appropriate action which is just for a farmer / client as far as preventing occurrence of preventable known disease(s) in his / her animal / farm is /are concerned	1	4	-	-
<i>Review of standing technical guideline on control of scheduled / notified disease</i>	2	3	-	-
PC5. take only such actions / use product / follow procedure which is prescribed in the guideline for the scheduled diseases (s)	2	3	-	-
<i>Communication of business / health risk and bio-security related information to client</i>	2	10	-	-
PC6. create future demand for preventive services by appropriately communicating the risk.	1	4	-	-
PC7. ensure high rate of voluntary compliance of bio-security norms	1	6	-	-
<i>Scheduling of vaccination program</i>	2	3	-	-
PC8. schedule vaccination program at appropriate time ensuring technical requirement related to environment and convenience of farmer / client.	2	3	-	-
<i>Pre and post vaccination care</i>	3	12	-	-
PC9. identify sick animals or animals not fit for vaccination.	1	4	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. be prepared to face any emergency situation following vaccination.	1	4	-	-
PC11. report side-effect (if any)	1	4	-	-
<i>Handling and Administration of vaccines</i>	7	18	-	-
PC12. conduct self-evaluation of procedure of procurement / infrastructure for storage etc. and use of vaccines from appropriate source only.	2	3	-	-
PC13. ensure cold chain and compliance of other guideline during transport to farmers / clients place and point of use.	2	3	-	-
PC14. rotate vaccine stock in hand so that oldest vaccines are used first, ensuring that no vaccine is used after expiration date.	2	3	-	-
PC15. follow all scientific guideline related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc.	1	9	-	-
<i>Preventive de-worming.</i>	2	5	-	-
PC16. follow local area guideline regarding species, age and season of de-worming.	-	5	-	-
PC17. use only permissible products, following appropriate dose and procedure of administration (as per directive of supervising veterinarian)	2	-	-	-
<i>Spraying of animals / birds or use of other method for control of ecto-parasites</i>	3	2	-	-
PC18. use only permissible products, following appropriate dose and procedure of use / application.	2	-	-	-
PC19. ensure scale of operation by involving maximum number of farmers in a given area.	1	-	-	-
PC20. take precaution for minimum effect on animal / immediate environment.	-	2	-	-
<i>Record keeping of preventive interventions, monitoring and follow up</i>	3	3	-	-
PC21. ensure record of given vaccine and administration related information (individual / herd level) along with batch numbers etc. as per given format.	1	1	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC22. timely report vaccine failure to appropriate authority as per format.	1	-	-	-
PC23. support laboratory for sample test etc. as per directive for monitoring of success of vaccination program.	-	2	-	-
PC24. ensure herd coverage and continuity of vaccination program.	1	-	-	-
NOS Total	27	73	-	-

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4802
NOS Name	Implementing regular preventive animal health care program
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	14/06/2017
Next Review Date	14/06/2021
NSQC Clearance Date	18/06/2015

AGR/N4805: Veterinary First Aid

Description

This OS unit is about veterinary first Aid

Scope

This unit/task covers:-Various aspects of first aid including immediate relief and treatment of noninfectious emergency conditions and accidents.

Elements and Performance Criteria

Cleaning and washing of muzzle, mouth, hooves, feet etc. with antiseptic solutions

To be competent, the user/individual on the job must be able to:

PC1. prepare aseptic solution.

Treatment of non-infectious conditions like indigestion, anorexia, constipation, tympani, impaction, diarrhea etc

To be competent, the user/individual on the job must be able to:

PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual.

PC3. describe common symptoms of diseases in animals and report accordingly.

PC4. identify common infectious / scheduled animal diseases and ensure timely reporting of the same.

Provide immediate support to accidental situations like poisoning, sun-stroke, electrocution, burn injuries etc.

To be competent, the user/individual on the job must be able to:

PC5. identify from symptoms the cause of the accident.

PC6. assess the severity of the accident and suggest for consultation with veterinarian.

PC7. provide basic / immediate care as specified for each type of accidents.

Handling of superficial wound and trauma.

To be competent, the user/individual on the job must be able to:

PC8. to be able to stop bleeding, clean and protect the wound

Initial support in cases like prolapse of uterus

To be competent, the user/individual on the job must be able to:

PC9. to be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of veterinarian

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant legislation, standards, policies, and procedures in work

KU2. relevant health and safety requirements applicable in the work environment

KU3. own job role and responsibilities and sources for information pertaining to work

KU4. who to approach for support in order to obtain work related information, clarifications and support

- KU5.** importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business
- KU6.** documentation and related procedures applicable in the context of work
- KU7.** relevant organizational policy on health event reporting / record keeping.
- KU8.** understanding of supervisory structure
- KU9.** basics of emergency conditions in animal along with pre-disposing factors
- KU10.** nature of wounds vis a vis procedure of cleaning and protection
- KU11.** uses and doses of common medications in emergency situations.
- KU12.** common approaches in handling poisoning and natural calamities.
- KU13.** ways to differentiate a diseased animal from a healthy animal.
- KU14.** major symptoms of common scheduled diseases.
- KU15.** use of approved ethno-veterinary practices.

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** fill data sheet / health monitoring proforma
- GS2.** read government / organizational guideline / manuals.
- GS3.** read directives from government / organization / supervising veterinarians.
- GS4.** discuss task lists, schedules, etc. with co-workers
- GS5.** explain farmers / clients on presented symptoms / emergency condition.
- GS6.** give clear suggestions / guidance to farmers / clients.
- GS7.** make decisions related to use of medication out of permitted assortments
- GS8.** relate emergency situation to immediate events in surrounding environment
- GS9.** participate in organic farming exhibition/seminar/workshop
- GS10.** attend and make use of exposure visit
- GS11.** identify problems immediately and take up solutions quickly to resolve delays
- GS12.** monitor and maintain the material and equipment required for various farm operations
- GS13.** take up ones own working and learning

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Cleaning and washing of muzzle, mouth, hooves, feet etc. with antiseptic solutions</i>	2	3	-	-
PC1. prepare aseptic solution.	2	3	-	-
<i>Treatment of non-infectious conditions like indigestion, anorexia, constipation, tympani, impaction, diarrhea etc</i>	23	24	-	-
PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual.	10	15	-	-
PC3. describe common symptoms of diseases in animals and report accordingly.	8	7	-	-
PC4. identify common infectious / scheduled animal diseases and ensure timely reporting of the same.	5	2	-	-
<i>Provide immediate support to accidental situations like poisoning, sun-stroke, electrocution, burn injuries etc.</i>	12	16	-	-
PC5. identify from symptoms the cause of the accident.	2	6	-	-
PC6. assess the severity of the accident and suggest for consultation with veterinarian.	5	-	-	-
PC7. provide basic / immediate care as specified for each type of accidents.	5	10	-	-
<i>Handling of superficial wound and trauma.</i>	2	8	-	-
PC8. to be able to stop bleeding, clean and protect the wound	2	8	-	-
<i>Initial support in cases like prolapse of uterus</i>	2	8	-	-
PC9. to be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of veterinarian	2	8	-	-
NOS Total	41	59	-	-

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4805
NOS Name	Veterinary First Aid
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	14/06/2017
Next Review Date	14/06/2021
NSQC Clearance Date	18/06/2015

AGR/N4807: Assisting government agencies in animal disease control.

Description

This OS unit is about assisting government authorities in animal disease control

Scope

This unit/task covers:-Various activities in the context of planned government initiatives to control animal diseases starting with data gathering and stakeholder engagement to post outbreak related actions.

Elements and Performance Criteria

Assisting in implementation of collaborative activities / data gathering including that under One Health related programs

To be competent, the user/individual on the job must be able to:

- PC1.** relate to multiple factors that can predispose or cause spread of diseases.
- PC2.** appreciate the one health approach in controlling diseases and cooperate with partnering agencies (s).

Providing leadership for local resource mobilization and partnership

To be competent, the user/individual on the job must be able to:

- PC3.** ensure local resources (e.g. support materials, skills and abilities of local people) to strengthen government effort at reaching out to farmers for events like vaccination camps etc.

Implementing bio-security norms within identifies area / livestock market / farms as per guideline

To be competent, the user/individual on the job must be able to:

- PC4.** update government records on livestock markets / farms.

Implementing bio-security norms within identifies area / livestock market / farms as per guideline.

To be competent, the user/individual on the job must be able to:

- PC5.** engage with officials of local self-government and market institutions.
- PC6.** guide implementation of approved government guideline related to market operation, cleaning etc.

Recording and reporting of animal movement route (including cross border movement)

To be competent, the user/individual on the job must be able to:

- PC7.** describe routes in relation to approved maps / known border areas.
- PC8.** apply judgment regarding nature of trade / frequency of movement / animal holding areas, volume etc.
- PC9.** report animal movement as per standard format

Creating awareness on livestock value chain / transport related risky practices.

To be competent, the user/individual on the job must be able to:

- PC10.** understand common activities from farm to fork, relationships between various types of people, movement of goods in livestock / poultry related business
- PC11.** identify risky practices and report to veterinarians / superior officers.

Administration of preventive herd level medication

To be competent, the user/individual on the job must be able to:

- PC12.** follow directive and guideline.

Reporting of disease incidence / outbreak.

To be competent, the user/individual on the job must be able to:

PC13. use standard format for reporting

Supervise culling and disposal of animal / bird

To be competent, the user/individual on the job must be able to:

PC14. ensure humane culling methods.

PC15. ensure scientific disposal of culled carcasses as per guideline

Supervise disinfection of farm premise / local area

To be competent, the user/individual on the job must be able to:

PC16. ensure use of appropriate disinfectant and adoption to prescribed procedure of application.

PC17. ensure coverage of areas / farms as per suggestion of government authority.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant legislation, standards, policies, and procedures in work

KU2. relevant health and safety requirements applicable in the work environment

KU3. own job role and responsibilities and sources for information pertaining to work

KU4. who to approach for support in order to obtain work related information, clarifications and support

KU5. importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business

KU6. documentation and related procedures applicable in the context of work

KU7. relevant organizational policy on health event reporting / record keeping

KU8. reporting structure

KU9. basics concept of one health and its importance.

KU10. ways of disease transmission, concept of bio-security control in livestock markets / farms.

KU11. various activities, relationship of people of livestock / poultry business from farm to fork along with risky common practices.

KU12. linkage between risky practices / animal movement and disease transmission.

KU13. culling, disposal and disinfection methods.

Generic Skills (GS)

User/individual on the job needs to know how to:

GS1. prepare a brief report.

GS2. fill data sheet

GS3. read government / organizational guideline / manuals.

GS4. keep abreast with the latest knowledge of disease outbreaks etc. by reading brochures, pamphlets, websites etc.

GS5. read directives from government / organization / supervising veterinarians.

GS6. discuss task lists, schedules, etc. with co-workers

GS7. explain farmers and other stakeholders on importance of addressing risky practices for disease control

GS8. give clear suggestions / guidance to farmers / clients.

GS9. make early decisions related reporting of disease outbreaks

GS10. plan various activities

- GS11.** send email and enter data to database as per given format
- GS12.** attend and make use of exposure visit
- GS13.** work with organic farming experts
- GS14.** manage relationships with laborers and other co-farmers
- GS15.** identify problems immediately and take up solutions quickly to resolve delay
- GS16.** think through the problem, evaluate the possible solution(s) and adopt an optimum /best possible solution(s)
- GS17.** investigate and analyze livestock value chain activities.
- GS18.** take up ones own working and learning

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Assisting in implementation of collaborative activities / data gathering including that under One Health related programs</i>	13	-	-	-
PC1. relate to multiple factors that can predispose or cause spread of diseases.	8	-	-	-
PC2. appreciate the one health approach in controlling diseases and cooperate with partnering agencies (s).	5	-	-	-
<i>Providing leadership for local resource mobilization and partnership</i>	3	4	-	-
PC3. ensure local resources (e.g. support materials, skills and abilities of local people) to strengthen government effort at reaching out to farmers for events like vaccination camps etc.	3	4	-	-
<i>Implementing bio-security norms within identifies area / livestock market / farms as per guideline</i>	5	-	-	-
PC4. update government records on livestock markets / farms.	5	-	-	-
<i>Implementing bio-security norms within identifies area / livestock market / farms as per guideline.</i>	7	9	-	-
PC5. engage with officials of local self-government and market institutions.	5	3	-	-
PC6. guide implementation of approved government guideline related to market operation, cleaning etc.	2	6	-	-
<i>Recording and reporting of animal movement route (including cross border movement)</i>	6	9	-	-
PC7. describe routes in relation to approved maps / known border areas.	3	2	-	-
PC8. apply judgment regarding nature of trade / frequency of movement / animal holding areas, volume etc.	-	5	-	-
PC9. report animal movement as per standard format	3	2	-	-
<i>Creating awareness on livestock value chain / transport related risky practices.</i>	8	5	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. understand common activities from farm to fork, relationships between various types of people, movement of goods in livestock / poultry related business	3	2	-	-
PC11. identify risky practices and report to veterinarians / superior officers.	5	3	-	-
<i>Administration of preventive herd level medication</i>	5	-	-	-
PC12. follow directive and guideline.	5	-	-	-
<i>Reporting of disease incidence / outbreak.</i>	5	-	-	-
PC13. use standard format for reporting	5	-	-	-
<i>Supervise culling and disposal of animal / bird</i>	6	10	-	-
PC14. ensure humane culling methods.	3	5	-	-
PC15. ensure scientific disposal of culled carcasses as per guideline	3	5	-	-
<i>Supervise disinfection of farm premise / local area</i>	2	3	-	-
PC16. ensure use of appropriate disinfectant and adoption to prescribed procedure of application.	-	3	-	-
PC17. ensure coverage of areas / farms as per suggestion of government authority.	2	-	-	-
NOS Total	60	40	-	-

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4807
NOS Name	Assisting government agencies in animal disease control.
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	14/06/2017
Next Review Date	14/06/2021
NSQC Clearance Date	18/06/2015

AGR/N4808: Assisting in veterinary extension Services

Description

This OS unit is about assisting organization in conducting veterinary extension related activities.

Elements and Performance Criteria

Promoting approved technology and best practices (including organic practices) in livestock farming, handling of animal products.

To be competent, the user/individual on the job must be able to:

- PC1.** understand and explain the applicability and benefit associated with common approved technology(s) / best practice(s) in the context of local situations, opportunities and constraints.
- PC2.** give feedback on technology application in field and need for improvement (if any).
- PC3.** organize extension events based on farmer convenience and seasonal suitability

Assist farmers on quality farm input selection and procurement.

To be competent, the user/individual on the job must be able to:

- PC4.** understand and explain quality parameters regarding various farm inputs.
- PC5.** scout sources, plan and organize farmers for intelligent (timely, quality and cost based) procurement of inputs

Assist in maintaining record of farmer meeting / farm school activities

To be competent, the user/individual on the job must be able to:

- PC6.** keep record that can help make farmer meeting and farm school activities targeted and need based

Use of mobile and other technology for extension / client education

To be competent, the user/individual on the job must be able to:

- PC7.** use modern communication devices, audio-visual aids to explain farmers / clients.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** relevant legislation, standards, policies, and procedures in work
- KU2.** relevant health and safety requirements applicable in the work environment
- KU3.** own job role and responsibilities and sources for information pertaining to work
- KU4.** who to approach for support in order to obtain work related information, clarifications and support
- KU5.** importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business
- KU6.** documentation and related procedures applicable in the context of work
- KU7.** relevant organizational policy, products and services.
- KU8.** supervisory structure.
- KU9.** common popular production / processing technologies in livestock / poultry farming / product handling.
- KU10.** common feed ingredients / fodder variety and their uses.
- KU11.** organoleptic testing of feed.
- KU12.** basic body scoring methods and selection of animals.

KU13. basics of animal housing and farm infrastructure.

KU14. use of communication devices.

Generic Skills (GS)

User/individual on the job needs to know how to:

GS1. prepare a brief field program report.

GS2. fill data sheet and survey form.

GS3. read government / organizational guideline / manuals.

GS4. keep abreast with the latest knowledge / technologies by reading brochures, pamphlets, and other related information sheets.

GS5. read directives from government / organization / supervising veterinarians

GS6. discuss task lists, schedules, etc. with co-workers

GS7. explain farmers / clients on use of various technologies.

GS8. give clear suggestions / guidance to farmers / clients.

GS9. make decisions related to suitability of any technology based on local situations.

GS10. plan for various extension events.

GS11. use electronic communication / presentation tools

GS12. attend and make use of exposure visit

GS13. manage relationships with laborers and other co-farmers

GS14. investigate and analyze adopted technologies and provide feedback to supervising veterinarian / scientist

GS15. identify problems immediately and take up solutions quickly to resolve delays

GS16. take up his own working and learning

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Promoting approved technology and best practices (including organic practices) in livestock farming, handling of animal products.</i>	14	46	-	-
PC1. understand and explain the applicability and benefit associated with common approved technology(s) / best practice(s) in the context of local situations, opportunities and constraints.	10	25	-	-
PC2. give feedback on technology application in field and need for improvement (if any).	2	8	-	-
PC3. organize extension events based on farmer convenience and seasonal suitability	2	13	-	-
<i>Assist farmers on quality farm input selection and procurement.</i>	8	12	-	-
PC4. understand and explain quality parameters regarding various farm inputs.	5	5	-	-
PC5. scout sources, plan and organize farmers for intelligent (timely, quality and cost based) procurement of inputs	3	7	-	-
<i>Assist in maintaining record of farmer meeting / farm school activities</i>	2	8	-	-
PC6. keep record that can help make farmer meeting and farm school activities targeted and need based	2	8	-	-
<i>Use of mobile and other technology for extension / client education</i>	1	9	-	-
PC7. use modern communication devices, audio-visual aids to explain farmers / clients.	1	9	-	-
NOS Total	25	75	-	-

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4808
NOS Name	Assisting in veterinary extension Services
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	14/06/2017
Next Review Date	14/06/2021
NSQC Clearance Date	18/06/2015

AGR/N4810: Development program implementation and marketing in livestock sector

Description

This OS unit is about assisting organization in implementing programs and projects in livestock sector (including one related to marketing of livestock products).

Scope

This unit/task covers :-Basics of development program implementation such as empowerment / awareness creation, engagement with stakeholders and promotion of economic activities

Elements and Performance Criteria

Facilitation of implementation of government / private development programs.

To be competent, the user/individual on the job must be able to:

- PC1.** promote awareness of programs and help in targeted beneficiary selection as envisioned in the promoted project / program.
- PC2.** work with selected project beneficiaries in implementing activities as envisaged in promoted programs.

Engagement with farmers institutions and local self-government (Panchayat)

To be competent, the user/individual on the job must be able to:

- PC3.** attend and cooperate during meetings / programs of farmers institutions / panchayats.
- PC4.** inform / involve farmer leaders / panchayat functionaries in selection of program beneficiaries.

Facilitation of agri-livestock related economic activity of self-help groups

To be competent, the user/individual on the job must be able to:

- PC5.** facilitate organizations / panchayats endeavor to ensure convergence of development projects for synergy.
- PC6.** motivate and handhold formation of self-help groups.
- PC7.** guide farmers on business options and basic economics of various livestock linked activities

Facilitation of marketing of livestock farm inputs / products

To be competent, the user/individual on the job must be able to:

- PC8.** motivate farmers to produce for market and ensure aggregation, collective marketing of livestock products.
- PC9.** provide market related e.g. prices etc. information to farmers.
- PC10.** provide information on livestock farm inputs e.g. feed, fodder, supplements etc.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** relevant legislation, standards, policies, and procedures in work
- KU2.** relevant health and safety requirements applicable in the work environment
- KU3.** own job role and responsibilities and sources for information pertaining to work
- KU4.** who to approach for support in order to obtain work related information, clarifications and support

- KU5.** importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business
- KU6.** documentation and related procedures applicable in the context of work
- KU7.** relevant organizational policy and programs.
- KU8.** basics of development project management.
- KU9.** guideline on self-help group / producer company formation and functioning.
- KU10.** common livestock based business activities and economics thereof.
- KU11.** basic understanding of common rural development programs of the government.
- KU12.** basics of marketing and markets in the context of livestock products.

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** prepare a brief report.
- GS2.** read government / organizational guideline / manuals.
- GS3.** keep abreast with the latest information / knowledge on rural development livestock market by reading new papers, magazines etc.
- GS4.** read directives from reporting government / private organization
- GS5.** discuss and explain benefit / outcome development programs.
- GS6.** listen and comprehend farmers problems and suggestions
- GS7.** plan activities
- GS8.** use electronic gadgets to promote programs / projects and engage with farmers / clients.
- GS9.** attend and make use of exposure visit
- GS10.** manage relationships with laborers and other co-farmers
- GS11.** follow basic arithmetic and algebraic principles
- GS12.** identify problems immediately and take up solutions quickly to resolve delays
- GS13.** investigate and analyze opportunities and difficulties in program implementation.
- GS14.** apply, analyze, and evaluate the information gathered from observation, experience, reasoning, or communication, as a guide to thought and action
- GS15.** take up ones own working and learning

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Facilitation of implementation of government / private development programs.</i>	6	14	-	-
PC1. promote awareness of programs and help in targeted beneficiary selection as envisioned in the promoted project / program.	4	6	-	-
PC2. work with selected project beneficiaries in implementing activities as envisaged in promoted programs.	2	8	-	-
<i>Engagement with farmers institutions and local self-government (Panchayat)</i>	4	16	-	-
PC3. attend and cooperate during meetings / programs of farmers institutions / panchayats.	2	8	-	-
PC4. inform / involve farmer leaders / panchayat functionaries in selection of program beneficiaries.	2	8	-	-
<i>Facilitation of agri-livestock related economic activity of self-help groups</i>	15	20	-	-
PC5. facilitate organizations / panchayats endeavor to ensure convergence of development projects for synergy.	5	-	-	-
PC6. motivate and handhold formation of self-help groups.	5	10	-	-
PC7. guide farmers on business options and basic economics of various livestock linked activities	5	10	-	-
<i>Facilitation of marketing of livestock farm inputs / products</i>	15	10	-	-
PC8. motivate farmers to produce for market and ensure aggregation, collective marketing of livestock products.	5	5	-	-
PC9. provide market related e.g. prices etc. information to farmers.	2	5	-	-
PC10. provide information on livestock farm inputs e.g. feed, fodder, supplements etc.	8	-	-	-
NOS Total	40	60	-	-

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4810
NOS Name	Development program implementation and marketing in livestock sector
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	14/06/2017
Next Review Date	14/06/2021
NSQC Clearance Date	18/06/2015

AGR/N4813: Assisting in animal welfare , breed conservation and disaster management.

Description

This OS unit is about assisting organization in implementing programs related to animal welfare and conservation

Scope

This unit/task covers:Animal welfare and conservation of animal resources besides preparedness for disasters.

Elements and Performance Criteria

Identifying and reporting of cruelty to animals / birds.

To be competent, the user/individual on the job must be able to:

PC1. explain the cruelty for effective reporting.

Supporting management of human animal conflict

To be competent, the user/individual on the job must be able to:

PC2. explain stakeholders on common prevention and protection strategies related to common conflict situation.

Promotion of rearing of purebred indigenous animals

To be competent, the user/individual on the job must be able to:

PC3. scout and engage with interested breeding farms / goshalas (protective shelters for cows in india) for conservation of purebred animals

Supporting disaster preparedness and handling

To be competent, the user/individual on the job must be able to:

PC4. help in stocking (as a preparedness) and mobilization of feed / fodder at the time of disasters.

PC5. work with community and disaster management authorities to provide safe passage to animals / livestock.

PC6. provide care / shelter to animal in distress

PC7. undertake appropriate measures for carcass disposal.

PC8. undertake culling and other measures suggested in case of disease related emergencies.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant legislation, standards, policies, and procedures in work

KU2. relevant health and safety requirements applicable in the work environment

KU3. own job role and responsibilities and sources for information pertaining to work

KU4. who to approach for support in order to obtain work related information, clarifications and support

KU5. importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business

KU6. documentation and related procedures applicable in the context of work

KU7. relevant organizational guideline on reporting and partnerships

- KU8.** importance of conservation and essential role of wildlife in ecosystem functioning.
- KU9.** common prevention and protection strategies in human animal conflict situations.
- KU10.** basic aspects of disaster management.
- KU11.** rules and regulation related to animal welfare and wild life conservation.

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** prepare a brief report.
- GS2.** read government / organizational guideline.
- GS3.** read directives from government / organization / supervising veterinarians
- GS4.** discuss task lists, schedules, etc. with co-workers
- GS5.** explain farmers / animal owners on disaster management issues
- GS6.** make decisions related to steps needed to protect the interest of livestock / animals in the event of disaster.
- GS7.** plan various activities.
- GS8.** use mobile / electronic gadgets helpful during disasters
- GS9.** manage relationships with laborers and other co-farmers
- GS10.** build relationships and use human centric approach
- GS11.** identify problems immediately and take up solutions quickly to resolve delays
- GS12.** investigate and analyze possible after-effect of disasters.
- GS13.** take up ones own working and learning

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Identifying and reporting of cruelty to animals / birds.</i>	5	5	-	-
PC1. explain the cruelty for effective reporting.	5	5	-	-
<i>Supporting management of human animal conflict</i>	2	8	-	-
PC2. explain stakeholders on common prevention and protection strategies related to common conflict situation.	2	8	-	-
<i>Promotion of rearing of purebred indigenous animals</i>	5	5	-	-
PC3. scout and engage with interested breeding farms / goshalas (protective shelters for cows in india) for conservation of purebred animals	5	5	-	-
<i>Supporting disaster preparedness and handling</i>	15	55	-	-
PC4. help in stocking (as a preparedness) and mobilization of feed / fodder at the time of disasters.	-	10	-	-
PC5. work with community and disaster management authorities to provide safe passage to animals / livestock.	3	22	-	-
PC6. provide care / shelter to animal in distress	5	10	-	-
PC7. undertake appropriate measures for carcass disposal.	2	8	-	-
PC8. undertake culling and other measures suggested in case of disease related emergencies.	5	5	-	-
NOS Total	27	73	-	-

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4813
NOS Name	Assisting in animal welfare , breed conservation and disaster management.
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	14/06/2017
Next Review Date	14/06/2021
NSQC Clearance Date	18/06/2015

AGR/N4821: Implementation of animal breeding services in small farm animals (if required)

Description

This OS unit is about assisting organization in implementing programs related to animal breeding in small farm animals.

Scope

This unit/task covers: Various aspects of small farm animal breeding, starting from pre-breeding related activities such as breeder database maintenance, quality animal selection to actual breeding and performance monitoring.

Elements and Performance Criteria

Maintenance of database of good animal breeders.

To be competent, the user/individual on the job must be able to:

PC1. help farmers / clients with information on sources of good breeding animals.

Assistance to farmers in quality animal selection / purchase

To be competent, the user/individual on the job must be able to:

PC2. assist farmers / clients in selecting animal with proper breed and other characteristics for breeding purpose

Conducting artificial insemination

To be competent, the user/individual on the job must be able to:

PC3. detect heat in animals such as goat and pigs.

PC4. use semen of appropriate quality and blood level.

PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare.

PC6. follow the prescribed procedures in handling semen straw and in conducting insemination.

PC7. conduct artificial insemination in time.

Assistance to farmers on management of unproductive animals.

To be competent, the user/individual on the job must be able to:

PC8. guide farmers / clients on common infertility issues and their handling

PC9. guide farmers on appropriate feeding of breeding animals e.g. mineral supplementation etc.

PC10. guide farmers on maintaining optimum number of animals based on breeding plan and suggested performance goal.

Post insemination support , data recording and Performance monitoring of breeding services

To be competent, the user/individual on the job must be able to:

PC11. guide / assist farmer in handling common difficulties related to animal birth.

PC12. use field data collection tools (including electronic reader / mobile based data collection) as per given specifications.

PC13. provide organization with standard required information such as semen used; time of heat, time of insemination, kid / piglet born etc. needed to monitor breeding services.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** relevant legislation, standards, policies, and procedures in work
- KU2.** relevant health and safety requirements applicable in the work environment
- KU3.** own job role and responsibilities and sources for information pertaining to work
- KU4.** who to approach for support in order to obtain work related information, clarifications and support
- KU5.** importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business
- KU6.** documentation and related procedures applicable in the context of work
- KU7.** relevant organizational policy on breeding.
- KU8.** understanding of supervisory / reporting structure
- KU9.** basic of reproductive physiology e.g. estrous cycle, signs etc. and anatomy of reproductive organs in goat, pigs etc.
- KU10.** basic of genetics e.g. selective breeding / cross breeding
- KU11.** semen straw handling procedure and safety requirement in handling of liquid nitrogen.
- KU12.** protocols related to farm bio-security, hygiene, safety and animal welfare.
- KU13.** technical procedure of artificial insemination.
- KU14.** feeding of breeding animals, mineral supplementation etc.
- KU15.** common animal birth related difficulties in small animals and handling of same.

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** prepare a brief case report.
- GS2.** fill monitoring related forms etc.
- GS3.** read government / organizational guideline / manuals.
- GS4.** read label of semen straws.
- GS5.** read manufacturer guideline of various common equipment uses in breeding services.
- GS6.** read directives from government / organization / supervising veterinarians.
- GS7.** discuss task lists, schedules, etc. with co-workers
- GS8.** explain farmers / clients on artificial insemination procedures.
- GS9.** give clear suggestions / guidance to farmers / clients
- GS10.** make decisions related to time, appropriate application of artificial insemination technologies etc
- GS11.** plan various procedures.
- GS12.** use electronic / mobile tools (where available) to record and send breeding related data to servers
- GS13.** manage relationships with laborers and other co-farmers
- GS14.** build relationships and use human centric approach
- GS15.** identify problems immediately and take up solutions quickly to resolve delays
- GS16.** investigate and analyze in relation to difficulties, failures etc.
- GS17.** take up ones own working and learning

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintenance of database of good animal breeders.</i>	2	8	-	-
PC1. help farmers / clients with information on sources of good breeding animals.	2	8	-	-
<i>Assistance to farmers in quality animal selection / purchase</i>	5	5	-	-
PC2. assist farmers / clients in selecting animal with proper breed and other characteristics for breeding purpose	5	5	-	-
<i>Conducting artificial insemination</i>	28	22	-	-
PC3. detect heat in animals such as goat and pigs.	5	5	-	-
PC4. use semen of appropriate quality and blood level.	5	-	-	-
PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare.	5	5	-	-
PC6. follow the prescribed procedures in handling semen straw and in conducting insemination.	8	12	-	-
PC7. conduct artificial insemination in time.	5	-	-	-
<i>Assistance to farmers on management of unproductive animals.</i>	12	3	-	-
PC8. guide farmers / clients on common infertility issues and their handling	5	-	-	-
PC9. guide farmers on appropriate feeding of breeding animals e.g. mineral supplementation etc.	5	-	-	-
PC10. guide farmers on maintaining optimum number of animals based on breeding plan and suggested performance goal.	2	3	-	-
<i>Post insemination support , data recording and Performance monitoring of breeding services</i>	3	12	-	-
PC11. guide / assist farmer in handling common difficulties related to animal birth.	1	4	-	-
PC12. use field data collection tools (including electronic reader / mobile based data collection) as per given specifications.	1	4	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. provide organization with standard required information such as semen used; time of heat, time of insemination, kid / piglet born etc. needed to monitor breeding services.	1	4	-	-
NOS Total	50	50	-	-

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4821
NOS Name	Implementation of animal breeding services in small farm animals (if required)
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Livestock Health Management
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	14/06/2017
Next Review Date	14/06/2021
NSQC Clearance Date	18/06/2015

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.
5. In case of successfully passing only certain number of NOSs, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack.
6. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack

Minimum Aggregate Passing % at QP Level : 50

(Please note: Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
AGR/N4801. Controlling and restraining of animals.	31	69	-	-	100	10
AGR/N4802. Implementing regular preventive animal health care program	27	73	-	-	100	18
AGR/N4805. Veterinary First Aid	41	59	-	-	100	18
AGR/N4807. Assisting government agencies in animal disease control.	60	40	-	-	100	18
AGR/N4808. Assisting in veterinary extension Services	25	75	-	-	100	10

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
AGR/N4810.Development program implementation and marketing in livestock sector	40	60	-	-	100	10
AGR/N4813.Assisting in animal welfare , breed conservation and disaster management.	27	73	-	-	100	8
AGR/N4821.Implementation of animal breeding services in small farm animals (if required)	50	50	-	-	100	8
Total	301	499	-	-	800	100

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training

Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.
Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.

Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.