

Syllabus For Assistant Caretaker Of Wild/ Zoo Animals (RPL)

Course Name	Assistant Caretaker Of Wild/ Zoo Animals (RPL)
Sector	AGRICULTURE
Course Code	AGR/2024/AWAC/317
Level	4 (RPL)
Occupation	Assistant Caretaker Of Wild/ Zoo Animals
Course Duration	Total Duration 75 Hrs (T- 40 , P-35)
Trainees' Entry Qualification	Class 10+2 Science Pass with 5 years experience in the relevant field
Trainers Qualification	B.V.Sc.& A.H. having experience in zoo & wild animal health care and management/ Zoo Biologist/Forest Officials having experience in zoo & wild animal keeping

SYLLABUS:

1. Theory Components:

Module	Unit Name	Topics and Sub-topics	Hours
Unit-1	Introduction	1.1 Introduction: Definition of Wild animals and Wildlife, Difference between in-situ and ex-situ (captive) wild animals, Zoos – Instrument for conservation,	01
		1.2 Role and responsibility of a Support Veterinary Assistant for captive wild animal health care and management in a zoo	01
		1.3 Wild animals usually seen in West Bengal ; Wild animals commonly kept in zoos;	01
		1.4 General classification of wild animals	01
		1.5 Natural habitat of wild animals and their physical, behavioural and natural feeding characteristics	02
		1.6 Technique of physical supervision of the zoo animals	01
		1.7 Basic knowledge of animal housing and its amenities to ensure the quality of wild animals in a zoo	02
Unit-2	Common diseases of zoo animals - its prophylaxis and treatment	2.1 Common Infectious and Non-infectious diseases of wild captive mammals	02
		2.2 Common Infectious and Non-infectious diseases of wild captive birds	01
		2.3 Common Infectious and Non-infectious diseases of wild captive birds	01
		2.4 Predisposing factors of diseases	02
		2.5 Deworming and prophylactic measures against diseases	02

Module	Unit Name	Topics and Sub-topics	Hours
Unit-3	Veterinary First-aids, Dispensing of medicine to zoo animals, Management of rescued/abandoned/sick/pregnant/senile animals	3.1 SOP for Veterinary First-aid for zoo animals; different method of dispensing oral medicines and topical applications	02
		3.2 SOP for First-aid for snake bites and animal bites	02
		3.3 Basic care and observation of rescued/ abandoned sub-adults (cubs, calves, chicks etc.), sick, pregnant and senile zoo / wild animals	02
Unit-4	Effective routine monitoring and management of zoo animals to ensure their quality and expectancy of life	4.1 Overview of Hygiene, General Guidelines and species wise specific guidelines for cleaning, disinfection and sanitary measures of zoo enclosures / night shelters and moats, feeding and watering cells/ utensils etc.; Hygienic waste disposal; Use of water sanitizer;	02
		4.2 Feeding and Upkeep of zoo animals; Feeding chart standardization (Items of feed , its quality and quantity) according to species, sex and age of the animals;	02
		4.3 Time schedule for dispensing of feed to different zoo inmates;	01
		4.4 Bio-security measures (like use of feet bath disinfectants); Maintenance of personal hygienic measures ; Routine health check up of the zoo personnel;	01
Unit-5	Animal restraint: Capture and Control of wild/ zoo animals	5.1 Reasons for capture and handling of wild animals in captivity	01
		5.2 Pre-capture, during capture and post-capture considerations in the perspective of animal's safety	02
		5.3 Different techniques of capture, control and handling of wild/ zoo mammals	01
		5.4 Different techniques of capture, control and handling of wild/ zoo birds	01
		5.5 Different techniques of capture, control and handling of wild/ zoo reptiles	01
		5.6 Drugs and equipments used for animal restraining	01
		5.7 SOP for animal restraining	01
		5.8 SOP for animal mobilization and transportation	01
Unit-6	Maintenance of records and registers	6.1 Different forms and registers used;	01
		6.2 Data management	01
Total:			40

2. Practical components:

Module	Unit Name	Topics and Sub-topics	Hours
Unit-1	Veterinary First-aids and dispensing of medicine to zoo animals	1.1 Administration of oral medicines, cleaning of wounds, application of topical medicines and its different methods of dressing	06

Module	Unit Name	Topics and Sub-topics	Hours
		1.2 First-aid for snake bites and animal bites	02
Unit-2	Effective routine monitoring and management of zoo animals to ensure their quality and expectancy of life	2.1 Physical supervision of the animals, its technique	02
		2.2 Quality assessment and preparation of feed as per schedule according to species, sex and age of the animals;	04
		2.3 Dispensing of feed to different zoo inmates;	02
		2.4 Care of rescued/ abandoned sub-adults (cubs, calves, chicks etc.), sick, pregnant and senile zoo / wild animals	05
Unit-3	Animal restraint: Techniques of capture and control of wild/ zoo animals	3.1 Different methods of capture, control and handling of wild/ zoo mammals	04
		3.2 Different methods of capture, control and handling of wild/ zoo birds	03
		3.3 Different methods of capture, control and handling of wild/ zoo reptiles	03
Unit-4	Maintenance of records and registers	4.1 Filling of different forms, registers used and data management	04
Total:			35

Course Outcome:

- 1) The Job holder able to check quality of feed.
- 2) The Job holder able to check quantity of feed.
- 3) The job holder able to identify diseased animals.
- 4) The job holder able to made first aid.
- 5) The job holder able to develop skill of Hand rearing of orphaned wild young ones.
- 6) The job holder able to catch invading snakes in zoo.
- 7) The job holder able to help restraining of zoo animals.
- 8) The job holder able to keep records.

List of Tools, Equipment & Materials needed for 30 Trainees

Sl	Name of the Tools & Equipment	Nos
1	Board	1
2	Marking pen / chalk	1
3	Duster	1
4	Computer / Laptop	1
5	LCD/ LED / Overhead projector	1
6	Training manual (soft copy, hardcopy)	1
7	Notebook, pen etc.	1
8	Sanitizer, Musk etc.	1
9	Forms	LS
10	Vet Drugs, Equipments	1
11	SOPs	1
12	Snake catching tool	1
13	Nearby zoo facility	