

Office of the Deputy Conservator of Forest, Wildlife Kota  
Opp. J K Pavillion International Cricket stadium, Nayapura, Kota

Letter No. 7323

Date: 30/9/21

To

The Member Secretary  
Central Zoo Authority  
B1 Wing, 6<sup>th</sup> Floor,  
Pt. Deendayal Antyodaya Bhawan, CGO Complex  
New Delhi - 110 003.

Subject: Submission of Annual Report of Zoological Park, Kota for the year 2020-21

Sir,

Please find attached the Annual Report of Zoological Park, Kota for the year 2020-21.

Enclosed: Annual Report

Yours sincerely,

*Dr. A N Gupta*  
Dr. A N Gupta  
Deputy Conservator of Forest  
Wildlife Kota

Letter No.

Date: 30/9/21

Copy to: 7324-25

1. Add. Principal Conservator of Forest & Chief Wildlife Warden, Jaipur
2. Chief Conservator of Forest, Wildlife Kota

*Deputy Conservator of Forest*  
Deputy Conservator of Forest  
Wildlife Kota

# Zoological Park Kota

Annual Report for the year

2020-21



Office Of The Deputy Conservator Of Forests,  
Wild Life, Kota

## CONTENTS

S.No.	Section	Page Number
1.	Report of the Officer-in-charge	3
2.	History of the Zoo	4
3.	Vision	4
4.	Mission	4
5.	Objective	6
6.	About us	7 to 8
7.	Organizational Chart	10
8.	Human Resources	10
9.	Capacity Building of the zoo personnel	11
10.	Zoo Advisory Committee	11
11.	Health Advisory Committee	11
12.	Statement of income and expenditure of the Zoo	12
13.	Daily feed Schedule of animals	13 to 14
14.	Vaccination Schedule of animals	14
15.	De-worming Schedule of animals	14
16.	Disinfection Schedule	15
17.	Health Check-up of employees for zoonotic diseases	15
18.	Development Works carried out in the zoo during the year	15
19.	Education and Awareness programmes during the year	15
20.	Important Events and happenings in the zoo	16
21.	Seasonal special arrangements for upkeep of animals	16
22.	Research Work carried out and publications	16
23.	Conservation Breeding Programme of the Zoo	16
24.	Animal acquisition/transfer/exchange during the year	17
25.	Rescue and Rehabilitation of the wild animals carried out by the zoo	17
26.	Annual inventory of animals	18 to 19
27.	Mortality of animals.	20
28.	Status of the compliance with conditions stipulated by the Central Zoo Authority	20 to 22
29.	List of free living wild animals within the zoo premises	22



## **1. Report of the Officer-in-charge:-**

Kota Zoo was established in 1905 by the then Maharaja of Kota. In the year 1954, control of Zoo was taken up by Forest Division Kota and after sometime the administration of the zoo was transferred to Deputy Chief Wild Life Warden, Udaipur considering technical aspects. In the year 1986 when office of D.C.F. Wild Life Kota was established, control of zoo was again handed over to this office. As per norms laid down by Central Zoo Authority, New Delhi present Kota Zoo is in the category of mini Zoo. Central Zoo Authority has laid down norms for size of enclosures and prescribed that enclosures should be naturalistic and large enough so that animals of enclosure can move freely and can have opportunity to maintain its physical health by way of exercise.

Present Zoo has an area of 2.2 hectare and about 12 enclosures .These enclosures are very small and they are not as per the CZA norms. Time and again CZA has directed to close down the present Zoo and shift the animals to a newly created biological park, to house the animal in large and near natural enclosures and also to meet the CZA norms, a forest block near Abheda Mahal was considered suitable for the development of new Zoo to be named as Abheda biological park.

## **2. History of the Zoo:-**

Kota Zoo was established in the year 1905 by the then Maharaja of Kota. The forest area of Hadoti region was rich in wild flora and fauna such as Tiger, Panther, Sloth bear, Hyena, Chinkara, Blue bulls, Sambar, Black buck, Jackal, Wolf, Otter, Star tortoises and variety of Turtles, Peacocks, various kinds of Vultures, Crocodile and Ghariyal etc. To entertain royal guest's wild animals were kept in enclosures. These enclosures were built amidst gardens and fountains. These structures are so strong that they are intact even today. In the year 1954 control of Kota Zoo was taken up by DFO, Kota. Due to technical considerations the Zoo administration was transferred to Deputy Chief wild life warden, Udaipur. In the year 1986, Office of DCF Wildlife Kota was established and administration of the Zoo was handed over to this office.

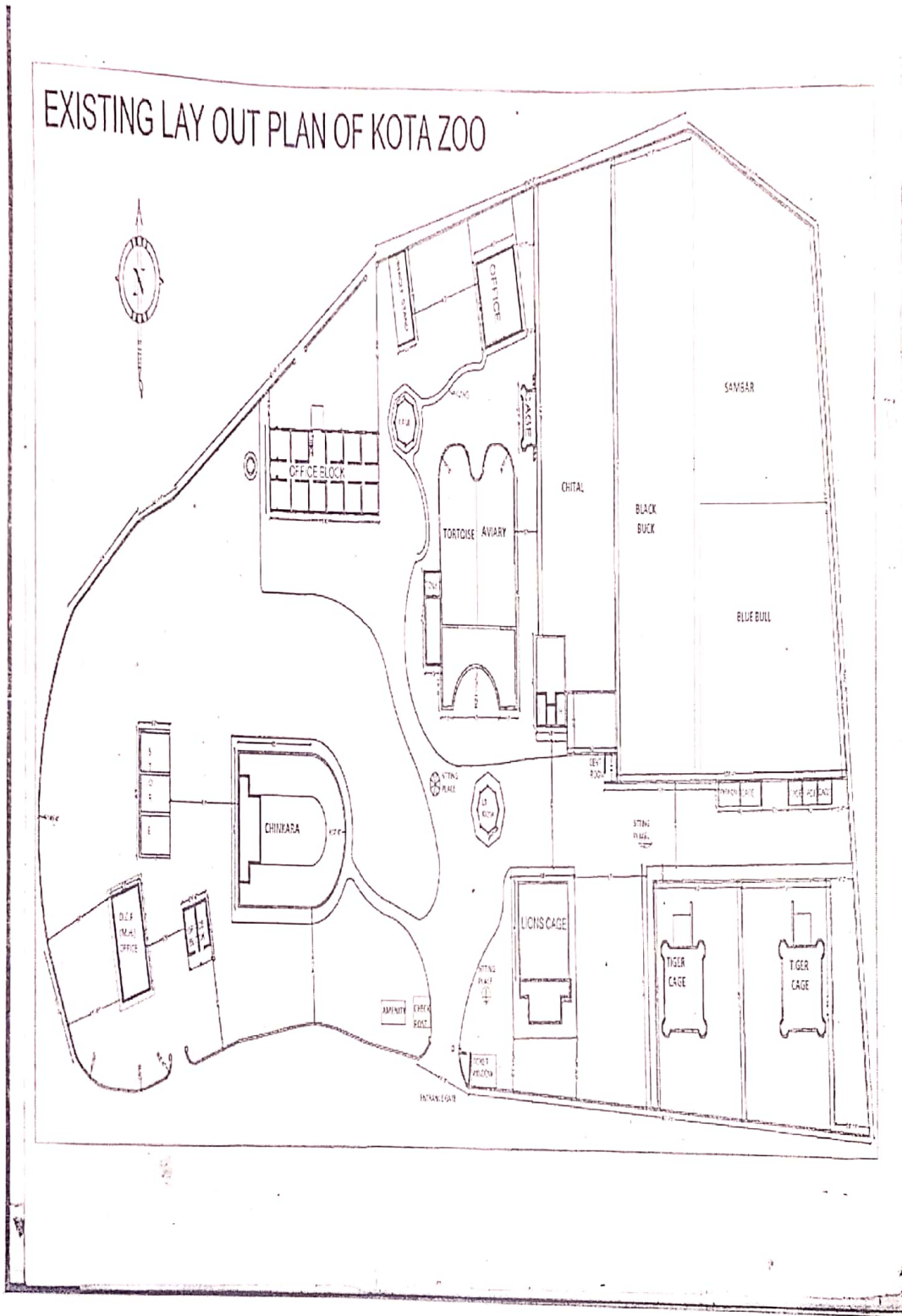
## **3. Vision:-**

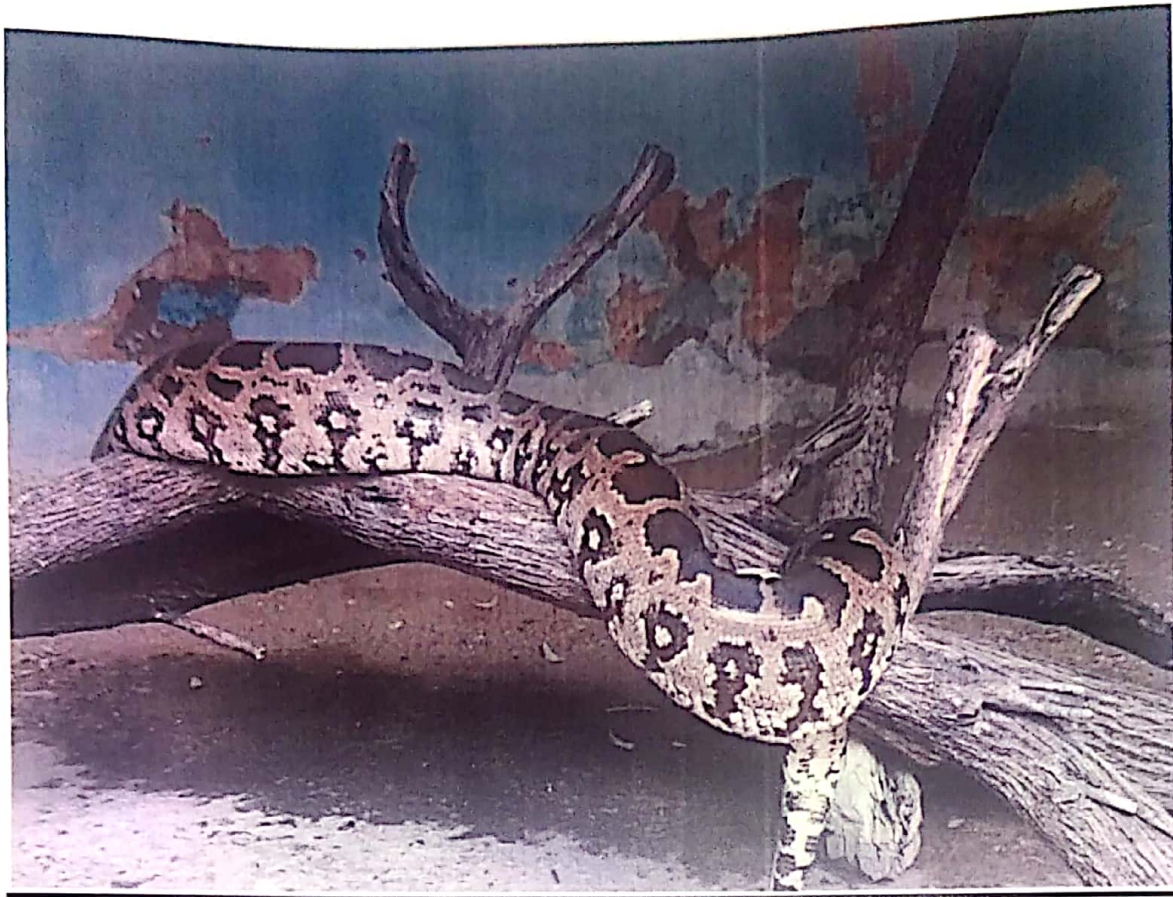
Zoological park Kota is housing animals of Hadoti region. It will provide researchers the facility to study animal behavior. It will develop facility to provide shelter to animals rescued from various part of district Kota.

## **4. MISSION**

Kota Zoo is the only Zoo in Hadoti region. Our mission is to create awareness for wild life in local people and to sensitize them towards WL

# EXISTING LAY OUT PLAN OF KOTA ZOO





## PYTHON

### 5. OBJECTIVES

The major objectives of Kota Zoo are as follows:

- (1) To complement and strengthen the national efforts in conservation of the biodiversity of the country, particularly the wild fauna with special emphasis on the biodiversity of Hadoti region
- (2) To provide good housing condition to the existing population of birds and wild animals presently housed at Kota zoo.
- (3) To provide opportunity for conducting scientific studies on birds and animals.
- (4) To promote eco-tourism and to provide employment opportunity to the local people.
- (5) Imparting nature education and raising awareness among the local people, students and visitors about wildlife conservation.
- (6) To display selected birds and wild animals of Aravali eco system

## About us:-

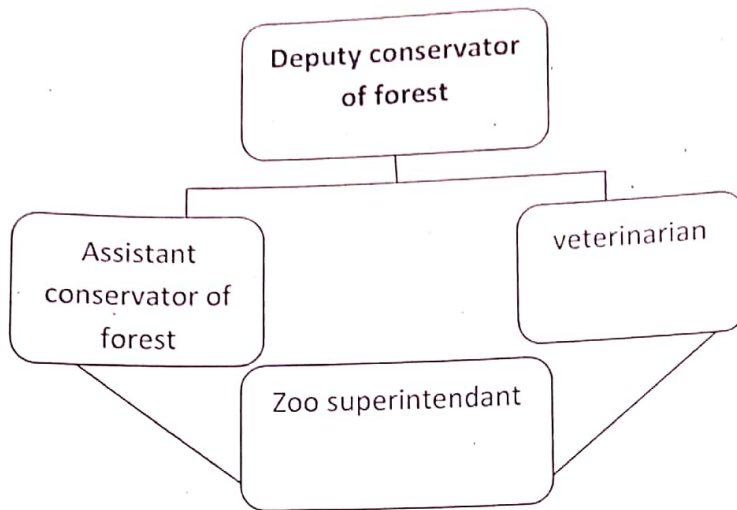
S.No.	Particulars	Information
<b>Basic Information about the zoo</b>		
1.	Name of the zoo	Zoological park, Kota
2.	Year of Establishment	1905
3.	Address of the zoo	Near chatra vilas garden Nayapura kota
4.	State	Rajasthan
5.	Telephone number	0744-2321263
6.	Fax number	0744-2321263
7.	E-mail address	Dcfwl.kota.forest@rajasthan.gov.in
8.	Website	
9.	Distance from nearest	Airport: 240 km Jaipur Railway Station 5km Bus Stand: 1km
10.	Recognition Valid upto (Date)	29.08.2022
11.	Category of zoo	Small zoo
12.	Area (in Hectares)	2.2 Ha.
13.	Number of Visitors (Financial Year)	Adult: 36075 Children : 0 Total Indian : 36075 Total Foreigners : 1 Total Visitors : 36076
14.	Visitors Facilities Available in Zoo	1. Water cooler for drinking water. 2. Toilet at convenient locations. 3. Visitors shed at various locations. 4. First aid facility. 5. Guide maps. 6. Recreation facilities for children
15.	Weekly Closure Day the Zoo	Tuesday
<b>Management Personnel of the zoo</b>		
16.	Name with designation of the officer (For 2020-21)	Dr. A N Gupta Deputy conservator of Forest
	Name of the Veterinary officer (For 2018-19)	Dr. Vilas Rao Gulhane
	Name of the Curator	Nil



	Name of the Biologist	Nil
	Name of the Education officer	Nil
	Name of the Compounder/Lab Assistant	Nil
<b>Owner/Operator of the Zoo</b>		
17.	Name of the operator	Dr. A N Gupta Deputy Conservator of Forest
18.	Address of the Operator	Office of the Deputy conservator of forests, wild life, Kota, Near chatra vilas garden Nayapura kota
19.	Contact Details/Phone Number of Operator	9410992371 0744-2321263
20.	E-mail address of operator	Dcfwl.kota.forest@rajasthan.gov.in



## 7. Organizational Chart



## 8. Human Resources

Sanctioned staff strength and working personals are as given below

S.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Veterinarian	1	1
2.	Zoo Superintendent	1	0
3.	Forest Guard	-	3
4.	Care taker	3	2
5.	Zoo mogiya	2	2
6.	Fourth class	1	1
7.	Sweeper	1	-
8.	Cattle Guard	-	2
9.	Watch man	-	-

## 9. Capacity Building of zoo personnel

S.N.	Name and Designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the institution Where the Training Attended
1.	Dr. Vilas Rao Gulhane	Wildlife health management for veterinary health professionals	3 days (23-02-2021 to 25-02-2021)	Online training by CZA
2	Smt. Chetna Paroliya, Zoo superintendent	National Zookeepers training on captive management of reptiles	One day 15-03-2021	Online training by CZA
3	Budhi Prakash Zoo Mogiya	Animal Keepers training program to update knowledge and skill	7 days (12-02-2021 to 18-02-2021)	Kamla Nehru Zoological Garden, Ahmedabad, Gujrat
4	Jagdish Singh Fourth class	Animal Keepers training program to update knowledge and skill	7 days (12-02-2021 to 18-02-2021)	Kamla Nehru Zoological Garden, Ahmedabad, Gujrat

## 10. Zoo Advisory Committee- Nil

- Date of constitution - Nil
- Members - Nil
- Dates on which Meetings held during the year- Nil

## 11. Health Advisory Committee- Nil

- Date of constitution- Nil
- Members - Nil
- Dates on which Meetings held during the year - Nil

## 12. Statement of income and expenditure of the Zoo

Income from visitors of Kota zoo are as follows:-

### Income of visitors

YEAR	NUMBER OF VISITORS				INCOME				TOTAL INCOME (in Rs.)
	INDIAN	FOREIGNER	STUDENT	TOTAL	ENTRANCE FEES	VIDEO CAMERA FEES	STILL CAMERA FEES	FILMING	
1	2	3	4	5	6	7	8	9	10
2020-21	36075	1	0	36076	721650	100	0	-	721750

Allotment of budget and expenditure of Kota zoo are as follows:

Budget Allotment : 20 Lakhs state plan

Expenditure : 18.79 Lakhs

## 13. Daily feed Schedule of animals:-

- Animals of the zoo are fed daily between as below -

Reptiles : Between 8:00 to 9:00 am daily.  
 Birds : Between 8:00 to 9:00 am daily.  
 Herbivores : Between 8:00 to 10:00 am daily.  
 Carnivores : Between 10:00 to 11:00 am six days  
 ( Every week Tuesday off ).

- Diet given to every animal is given in table:-

S. No.	Species	Feed item (per animal)	Quantity in kg.		Day of fasting
			Winter	Summer	

<b>Mammals:-</b>					
1.	1. Spotted deer	Green fodder Cattle feed vegetables	6 0.5 0.05	5 0.5 -	Nil
	2. Black buck	Green fodder Cattle feed vegetables	4 kg 0.25 0.05 kg	4kg 0.4 -	
2.	1. Blue Bull 2. Sambhar	Green fodder Cattle feed vegetables	12 1.5 0.15	6 1.5 -	Nil
3.	Chinkara	Green fodder Cattle feed vegetables	3 0.25 0.04	2.5 0.3 -	Nil
4	Leopard	Meat	3.5	3.5	Tuesday
5	Wolf	Meat	1.5	1	Tuesday
6	Hyena	Meat	1.5	1	Tuesday
7	Jackal	Meat	1	0.5	Tuesday
8	Bonnet monkey	Seasonal fruits Ground nut Roasted gram	0.5 0.150 0.075	0.5 0.150 0.075	Nil Nil Nil
9	<b>Birds:-</b>				
	1. Spot bill duck 2. comb duck 3. whistling Teal	Sorghum Pearl millet	0.050 0.050	0.050 0.050	Nil
	4. Bar headed goose	Sorghum Pearl millet	0.075 0.075	0.075 0.075	Nil
	5. pond heron 6. night heron 7. Egret 8. Turtle	fish	0.250 0.250 0.400 0.350	0.250 0.250 0.400 0.350	Nil

10.	<b>Reptiles:-</b>				Nil
	1.Tortoise	Rice	.0.8	0.8	Nil
	2. Turtle	Rice	0.2	0.2	Nil
	3. Python	chicken	As per requirement	As per requirement	

Quantity of diet is changed on veterinarian advice as per requirement of animals.

#### 14.Vaccination Schedule of animals

S. No.	Species	Disease vaccinated for	Name of Vaccine and dosage/quantity used	Periodicity	Remarks
1	Feline	FPV,FCV,FRV	Feligen	Yearly	
2	canine	Distemper,CAV2,CAV1,L.canicola, L. Icterohaemorrhagica & parvovirus	Megavac-6	yearly	
		rabies	Nobivac	Yearly	

#### 15.De-worming Schedule of animals

S. No.	Species	Drug used	Month
1	Feline, canines,	Prazisam	Feb
	Birds, Monkeys	Vibex plus	May
	Turtles, Tortoises	Eazypet	August
		Albendazole oral	November
2	Sambhar,Blue bull, spotted deers,chinkara,Black buck	Ivermectin oral	Feb
		Albendazole oral	May
		Oxyclozanide & levamisole oral	August & November

## 16. Disinfection Schedule

S. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Feline, canines, Birds, Monkeys	Open & closed	Kohrsolin	Weekly
			Warm water	Weekly
			Tap water	Daily
2	herbivores	Open & closed	Tap water	Daily

## 17. Health Check-up employees for zoonotic diseases

S. No.	Name	Designation	Date of Health Check-up	Findings of Health check up
Nil	Nil	Nil	Nil	Nil

## 18. Development Work carried out in the zoo during the year

- A- Raising of old boundary wall of the zoo
- B- Raising of wall in Gharial enclosure of the zoo
- C- Water proofing treatment of water pond of hyena and wolf enclosure
- D- Construction of tin shade for mobile cage
- E- Renovation of Director Zoo office
- F- Enrichment of panther cage in Zoo.
- G- Enrichment and construction of dens in hyena cage in Zoo
- H- Installing recreational facilities for children

## 19. Education and Awareness programmes during the year:-

To promote education in the area, wild life week is celebrated every year in the Kota zoo. During the year 2020, wild life week was celebrated from October 1 to October 7. Various events like drawing competition, essay writing, rangoli competition, logo competition, slogan writing competition were organized by online mode during wild life week besides nature excursion. It will create awareness to students for wild life and animals.





Drawing Competition Entry 1<sup>st</sup> Prize during Wildlife Week-2020

## 20. Important Events and happenings:-

Wild life week is celebrated every year in the Kota zoo, Kota. During 2021 wild life week was celebrated from October 1 to October 7. Various events like drawing competition, essay writing, rangoli competition, debate competition, slogan writing competition during wild life week besides nature excursion.

## 21. Seasonal special arrangements for upkeep of animals:-

1. Coolers are used in zoo to provide comfort to animals in summer season.
2. curtains are used to reduce sunshine in enclosures of animals.
3. Room heaters are used in zoo to provide warm environment to animals.
4. Paral (local grass) is spread in holding area for animals to protect them from extreme cold in winter season.

**22. Research Work carried out and publications:-** Nil

**23. Conservation Breeding Programme of the Zoo:-** Nil

## 24. Animal acquisition/transfer/exchange during the year

A.	Animals arriving in the Zoo				
	S.No.	Species	Number (M.F)	From which Zoo	Date of arrival in the zoo
		Nil	Nil		
B.	Animals going from the zoo				
	S.No.	Species	Number (M.F)	Going to which Zoo	Date of deposition the zoo
		Nil	Nil		

## 25. Rescue and Rehabilitation of wild animals carried out by the Zoo

S.No	Date of Rescue	Species with Number of animals rescued with their sex (M:F:U:T)	Received from	Date of Submission of Report to the CWLW/CZA	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo] if not released in their habitat
1	04-08-2020	Tiger Cub (Male)	Mukandra Hills Tiger Reserve, Kota	Nil	Died	-
2	3-12-2020	Leopard (Female)	Bhilwara	Nil	Shergarh Wildlife Sanctuary	Nil
3	11-03-2021	Leopard (Female)	Udaipur	Nil	-	Loss of canine tooth
4	21-03-2021	Leopard Cub	Bhilwara	Nil	Bhilwara	Nil



13	Turtle (Soft shelled)	Geochelone elegans	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	
14	Pelican	pelecanus	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
15	Emu	Dromaius Novaehollandiae	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
16	Bar headed goose	Anser indicus	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14	Comb duck	Sarkidiornis melanonota	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
15	Spot bill duck	Anus poecilorhyncha	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
16	Whistling teal	dendrocygna	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
17	Night heron	Nycticorax	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18	Pond heron	Ardeola	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
19	Egrette	Ardeidae	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
20	Gharial	Gavialis gangeticus	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1
21	crocodile	crocodylinae	2	2	0	4	0	0	0	2	2	0	0	0	0	0	0	2	2	0	0	4
	Total		37	61	13	109	3	4	15	9	6	0	0	0	0	5	5	5	39	62	27	128

### Part- B

S.No.	Animal Name	Scientific Name	Opening Stock as a				Births			Acquisition			Disposal			Death			Closing Stock as on				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	

## 27. Mortality of animals

S.No.	Animal Name (With individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post- Mortem Report
1	Indian Wolf	Canis lupus	F	22-02-2021	Acute myocarditis
2	Striped Hyena	Hyaena hyaena	U	12-01-2021	Emaciation
3	Tortoise hatchling	Geochelone elegans	U	16-02-2021	Natural
4	Tortoise hatchling	Geochelone elegans	U	10-03-2021	Natural
4	Gharial	Gavialis gangeticus	M	15-10-2020	Not ascertained

## 28. Compliance with conditions stipulated by the Central Zoo Authority

The central zoo Authority has regularized the period after March 22,2019 and renewed recognition of the Kota Zoo, Kota as a Small Zoo for a period up to August 19,2022 subject to compliance with following conditions as per the Recognition of Zoo Rules,2009 (RZR) and mid-term evaluation of the Zoo.

Sl	Norm No.under RZR	Condition	Time period to comply	Compliance
<b>1.General requirements:</b>				
1	10.1(5)	Remaining peripheral wall of the zoo should be completed.	Three months	Remaining peripheral wall of the zoo Has been completed.
2	10.1(9)	The zoo housing domestic animals within the zoo premises. The domestic geese should be removed from zoo immediately.	Immediately	The domestic geese has been removed from the zoo premises.
<b>2.Administrative and staffing pattern:</b>				
3	10.2(2)	The Biologist and the Education Officer should be appointed in the zoo as mandatory under the Recognition of zoo Rules,2009.	One year	The Biologist and the Education officer has not been appointed till now as this will be done by the Government. This Letter has been written to the higher office for the same.
<b>3. Development and planning:</b>				
4	10.3(3) & 10.9(10)	Disaster Management Plan should be prepared as part of the Master plan and should be implemented. Training and mock drills be conducted to	Six months	New Abhedha biological park, kota is almost ready and all the animals will be shifted there. So there will not be any need of

		prevent accidents in zoo.		disaster management plan at zoo. This would be prepared and drills be done at abheda biological park kota. Training and mock drills will be conducted there only.
5	10.(3)	Possibility for other alienate water sources should be explored for long term development of the zoo.	Three months	One more bore has been done in the zoo campus and now there is no scarcity of water in the zoo.
<b>4. Animal housing, display of animals and animal enclosures:</b>				
6	10.4(2)	The Bonnet monkey kept in substandard enclosure as per specified norms for design and dimension. This should be rectified accordingly.	Six months	Bonnet monkey cage will be rectified soon.
<b>5. Upkeep and healthcare of animals:</b>				
7	10.5(10)	With a view to prevent inbreeding and the loss of heterozygosity zoo should maintain the animal history cards & stud and herd book for the animals of endangered species housed in the zoo and putting appropriate identification marks for transfer or exchange animals with other zoos.	Six months	Animal cards and stud/herd book is being maintained at the zoo for all endangered animals and appropriate identification marks for transfer or exchange are being maintained.
<b>6. Veterinary and infrastructure facilities:</b>				
8	10.6(3)	The Zoo should have quarantine and isolation area to house the sick and injured animals.	Six months	Quarantine and isolation zone are being maintained to house the sick and injured animals.
9	10.6(5)	The zoo should have veterinary support staff as specified, lab assistant and stockman/compounder	Six months	There is one senior veterinary doctor to take care of animals. For veterinary staff letters has been written but till date no posting of any staff has been done.
<b>7. Research activities:</b>				
10	10.10	Research Plan should be prepared as part of the Master Plan of the zoo and should be implemented to conduct research on the prioritized species and specific areas of concern. Publication of Research paper/ technical reports should be taken up.	One year	Research plan is being prepared at newly constructed Abheda biological park as part of the master plan of the park. This zoo will be shifted very soon at Abheda biological park.
<b>8. Education and outreach activities:</b>				
11	10.11(1)	Efforts should be made to educate the visitors to the zoo and the people at large about the significance of wildlife conservation for the general wellbeing of the people and keeping the life support system of nature intact and to	Six month	Efforts are being made to educate the visitors of the zoo and the people at large about the significance of wildlife conservation for the general wellbeing of the people.

		make people aware about the role played by the zoo in this regard and the ways and means through which general public can participate and contribute for the same. Appropriate signage and interpretation facilities, souvenir shop, library facility accessible, dedicated website should be provided.		Signages etc are being provided at appropriate places.
<b>9. Visitors' facilities:</b>				
12	10.12(1)	Adequate civic facilities should be provided for visitors at appropriate and convenient places in the zoo including physically disadvantaged persons and following facilities are so located that they do not mask or impact the view of enclosures. a. drinking water, b. Urinals; c. Ramps; d. Wheel chairs; e. Battery Operated vehicles; f. Lawns; g. Visitor shed h. Kiosk; i. Rain shelters; j. cloak rooms for the visitors k. zoo visitor guides & public Announcement systems, fire alarm during emergency.	Six months	Adequate civic facilities have been created for visitors. A new washroom has been constructed at appropriate places. For drinking water, two water coolers has been installed, ramps, visitor shed, lawns, jhule for children, rain shelters etc. has been created in the Zoo.
13	10.12(2)	First aid facilities including snake anti-venom and lifesaving drugs should be made readily available in the zoo premises.	Three months	First aid facility is available in the zoo. For the anti venom drugs, MBS hospital is only one k.m. away and that can be managed easily
14	10.12(3)	Arrangements should be made for providing access to physically challenged persons for viewing wild animals at various animal enclosures.	Six months	There are proper arrangements for physically challenged persons for viewing wild enclosure.
<b>10. Non-statutory recommendation:</b>				
15		State Zoo authority should be created to recycle get money and money collected through other source like souvenir shop, canteen cycle stands and other source including donation and adoptions.	One year	Not related to this office.

## 29. List of free living wild animals within the zoo premises

- a. Mammals - Nil
- b. Birds - Nil
- c. Reptiles - Nil

युवायुक्त  
जन्तुआलय, कोटा

22  
सहायक वन संरक्षक  
अभेदा बायोलाजिकल पार्क  
कोटा

ग/७  
वन विभाग  
कोटा