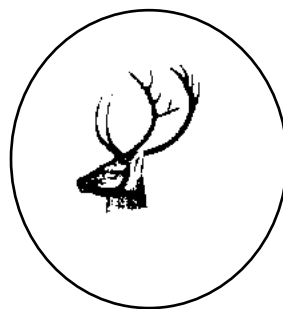


# Nawab Wajid Ali Shah Zoological Garden, Lucknow

Annual Report for the year  
2017-18





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## **1- Report of the officer in Charge Director**

Nawab Wajid Ali Shah Prani Udyan, Lucknow is located in the heart of the city. Nearby area of the Zoo is densely populated and hub of the political, social, financial, beaurocratic and administrative activities of the state. The campus comprises area of 29 hectare near Gomtinagar in Hazratganj area. The Zoo comprises more than 1000 animals of 102 species in addition to this zoo has more than 700 fishes of 67 species. This campus is lush green arboretum having more than 93 tree species and act as lung of the city.

This year we have added one of the best Nature Interpretation Centre in the Country, which give comprehensive information related to wild animals and its habitats of the state. Beside this we have also opened a Butterfly park, first of the state, which provides very useful information regarding role of Butterfly in our ecosystem.

We also carried out several activities throughout the year, especially during wild life week, regarding awareness and education related to environment, wildlife and ecology in which school children participated in a mass. We have also organized number of competitions on the environment related subjects and winner participants were given books related to wildlife and environment as a Prize.

As a new beginning, we celebrated 97<sup>th</sup> foundation day of the Zoo, in the programme we honored the former Directors for their invaluable contribution.

Along with the maintenance of the zoo we also rescue the wild animals, this year we rescued 03 Tigers and 11 Leopards out of which 07 Leopards have been released again in their natural habitat. Our Veterinary hospital is well equipped and scientifically organized having ultra- sound machine, X-ray machine, treatment room, pathology lab and 26 indoor wards for mammals and 18 for birds.

Hygiene and cleanliness is our mandate and we are committed to comply it and as a evidence of our commitment we are awarded with three ISO Certificates this year for Quality management, Environmental management and occupational Health and Safety management.

None of this would have been possible without able guidance of our Administrator and Senior Officers, very pro-active support of Zoo veterinarians and other staff engaged in various activities, media and most important every visitor of the zoo.

## 2- History of the Zoo-

Nawab Wajid Ali Shah Prani Udyan, Lucknow, popularly known as Lucknow Zoo. (Earlier known as “Prince of Wales Zoological Gardens”) was established in the year 1921 to commemorate the visit of His Royal Highness, the Prince of Wales to Lucknow. The idea of establishing Zoological gardens at Lucknow emanated from Sir Harcourt Butler, the then Governor of the State and it was received enthusiastically by the prominent landlords and the leading citizens of the State who donated liberally for the construction of animal houses and cages and also presented animals and birds for display from time to time.

A Committee of management was formed consisting of donors and other prominent citizens. Colonel Fanthorpe, Commissioner of Lucknow was appointed as the first President and Sheikh Maqbool Husain as first Secretary of the Commission. The Committee was registered under the Societies Registration Act on the 17<sup>th</sup> August 1926.

Mr. Lintle Bogla, M.C., and Chief Engineer of the Lucknow Improvement Trust designed the layout of the Zoo along with its buildings and cages. 26 buildings along with cages were constructed at a total cost of Rs. 2,08,800 during the period from 1921 to 1926. The main gate on the Narahi side known as “Sir Ludovic Porter Gate” facing west was constructed in 1936.

In the year 1950, the Managing Committee was dissolved and an Advisory Committee was formed with the Secretary to Govt., U.P., Public Health Department as its Chairman and the Director of Medical & Health Services, Uttar Pradesh as Ex-Officio Administrator. In 1966, the administrative control was transferred to the Forest Department and the Advisory Committee was also re-organised with Secretary to Govt., U.P., Forest Department as its Chairman and the Dy. Chief Conservator of Forests (Planning) as Ex-Officio Administrator. From time to time, the reorganisation of the Zoo Advisory Committee was done and presently the new Zoo Advisory Committee, constituted vide Government order No. 1652/14-4-2001-866/93 dated 04-08-2001, is under existence. The new Zoo Advisory Committee consists of the Forest Secretary to the Govt. of Uttar Pradesh as Chairman, Principal Chief Conservator of Forests, Uttar Pradesh as Vice Chairman and Chief Wildlife Warden, Uttar Pradesh as Administrator. The Director of the Zoo is the Member Secretary of the newly constituted Zoo Advisory Committee.

The Uttar Pradesh Govt. vide letter No. 1552/14-4-2001-30/90, Van Anubhag-4, dated 04 June 2001, changed the name of “**Prince of Wales Zoological Gardens Trust, Lucknow**” to “**Lucknow Prani Udyan**”. Its name changed by Uttar Pradesh Govt. vide letter No. 1211/14-4-2015-838/2015, Lucknow, Van Anubhag-4, dated 07 July 2015, changed the name of “**Lucknow Prani Udyan**” to “**Nawab Wajid Ali Shah Prani Udyan, Lucknow**”.

The Uttar Pradesh Government, under Section-5 (1) and (2) of Charitable Endowments Act, 1890 and vide their G.O. No. 6716/14/3-94/76, Van Anubhag-3, dated 31-01-1978, formulated a new management scheme for the management of the Zoo which is effective since 01 Feb. 1978. The management of Lucknow Prani Udyan is being done as per this Scheme of Management.

### **3- Vision -**

The Zoological Gardens, the world over were established initially for recreational purposes. The collection of animals was a great pastime during the ancient or even medieval times. Many royal families had their private collections of animals. In recent times, public Zoos started coming up and objectives shifted from entertainment/ time pass to education. Earlier, the animals were housed in small chain link cages for exhibition. Zoos made efforts to learn the ways to make them survive there and also propagate them. But however, around the 20th century with augmentation of knowledge on animal husbandry, animal taxonomy, etc. there were number of changes noticed in the objectives and management of Zoos. More behavioural studies were done and more information was collected on their ecology and habitats.

However, as time passed by, the concerns and themes of Zoos also changed. More emphasis was on environmental studies, ecosystem and survival of species and organizing of networks for better management of the species. The emphasis was also on endangered species for their planned breeding. For that purpose a separate proposal for conservation breeding of Swamp deer is being included in this Master Plan.

### **4- Mission**

Nawab Wajid Ali Shah Zoological Garden, Lucknow was started with the primary objective of Education, Awareness and Conservation of indigenous fauna. To achieve the mission, the following objectives are focused upon:-

- 1- Educating the local people, students and visitors on the importance of conservation of the wildlife and ecosystem.
- 2- Studying about animals and their habitats can be a valuable learning experience for students all ages.
- 3- Conservation of endangered species.
- 4- Providing the rehabilitation centre for the rescued animals from the wild/illicit trade etc.
- 5- Providing proper veterinary facilities to all the inhabiting wild animals.
- 6- Initiating applied and basic research on conservation of animals.

### **5- Objectives:-**

1. Infotainment of visitors.
2. Conservation and breeding of rare and endangered animal.
3. Scientific studies and research on animals.
4. Rescuing the wild animals and keeping them temporarily in Zoo.

## 6- About Us:-

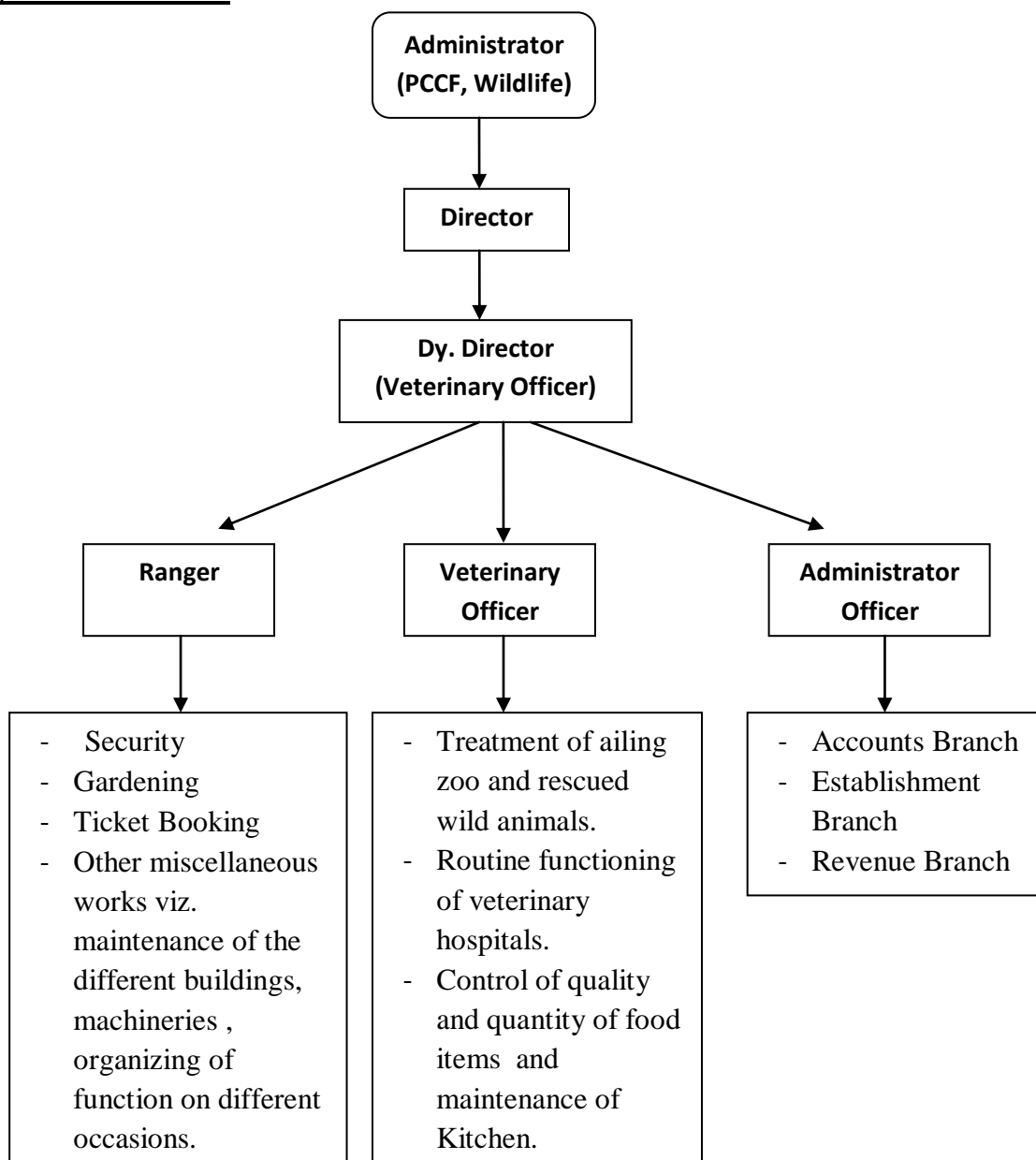
S.No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	<b>Nawab Wajid Ali Shah Zoological Garden, Lucknow</b>
2	Year of Establishment	<b>1921</b>
3	Address of the Zoo	<b>Nawab Wajid Ali Shah Zoological Garden, Lucknow, Hazratganj- 226001</b>
4	State	<b>Uttar Pradesh</b>
5	Telephone Number	<b>0522-2239588</b>
6	Fax Number	<b>0522-2236538</b>
7	E-mail address	<b>lucknowzoo@gmail.com</b>
8	Website	<b>Lucknowzoo.com</b>
9	Distance from nearest	Airport: <b>15 k.m.</b>
		Railway Station: <b>5 k.m.</b>
		Bus Stand: <b>5 k.m.</b>
10	Recognition Valid upto (Date)	<b>20.01.2019</b>
11	Category of zoo	<b>Large Zoo</b>
12	Area (in Hectares)	<b>29 hectare</b>
13	Number of Visitors (Financial Year)	Adult: <b>10,40,023</b>
		Children: <b>1,93,174</b>
		Total Indian: <b>1358073</b>
		Total Foreigners: <b>NIL</b>
		Total Visitors: <b>1358073</b>



S.No.	Particulars	Information
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> <li>• <b>Canteen &amp; Food court</b></li> <li>• <b>Parking Facilities</b></li> <li>• <b>Pram for small children.</b></li> <li>• <b>Wheel chair for handicapped.</b></li> <li>• <b>Children Park &amp; Latest Swings.</b></li> <li>• <b>Locker Facility at main gate.</b></li> <li>• <b>RO/UV water filter and coolers all around campus.</b></li> <li>• <b>Visitor sheds/ Benches at various locations.</b></li> <li>• <b>Guide Map</b></li> <li>• <b>Souvenir shop</b></li> <li>• <b>Online Ticket Facility: through our website <a href="http://www.lucknowzoo.com">www.lucknowzoo.com</a>, with 10% discount.</b></li> <li>• <b>Toilets at convenient locations</b></li> </ul>
15	Weekly Closure Day of the Zoo	<b>Monday</b>
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	<b>Mr. R.K. Singh</b>
	Name of the Veterinary Officer	<b>Dr. Utkarsh Shukla</b>
	Name of the Curator	<b>Dr. Utkarsh Shukla</b>
	Name of the Biologist	-
	Name of the Education Officer	<b>Abhishek Dubey</b>
	Name of the Compounder/ Lab Assistant	<b>Harinder Dubey</b>
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	<b>Mr. R.K. Singh</b>

S.No.	Particulars	Information
18	Address of the Operator	<b>Director Nawab Wajid Ali Shah</b> <b>Zoological Garden, Narhi Hazratganj,</b> <b>Lucknow</b>
19	Contact details/Phone number of Operator	<b>0522-2239588/ 8005493601</b>
20	E-mail address of Operator	<b>lucknowzoo@gmail.com</b>

### 7- Organizational Chart



## 8- Human Resource

<b>Manpower of The Zoo</b>			
<b>S.No.</b>	<b>Designation</b>	<b>Number of Sanctioned Posts</b>	<b>Names of the incumbent</b>
1	Director	1	Sri Rajendra Kumar Singh
2	Dy. Director	1	Dr. Utkarsh Shukla
3	Veternary Doctor	1	Nil
4	Rang Forest Officer	1	Nil
5	Curator (Aquarium)	1	Nil
6	Garden Supervisore	1	Nil
7	Administrator Officer	1	Nil
8	Sr.Assistant /Account	1	Ram Charan
9	Jr.Assistant / Asstt. Account	1	NIL
10	Jr. Assistant/ Typist	1	Shivraj Singh
11	Security Incharge	1	Nil
12	Black Smith- cum-welder	1	Ram Kripal
13	Head Booking Clerk	1	Prasidh Narayan Mishra
14	Booking Clerk (including Train)	4	1. Manoj Kumar Singh , 2) Shweta Chauhan, 3) Vijay Pal Singh, 4) Khalil Ahmad
15	Assistant Serpentarium Keeper	1	Raju
16	Electrician-cum-mechanic	1	Kuldeep Kumar Verma
17	Driver-cum- mechanic	1	Nil
18	Head Keeper	1	Nandan Singh
19	Senior Keeper	6	1. Mubarak Ali, 2) Mohd. Raza , 3) balram, 4) Suresh, 5)Jaswant Narayan, 6) Nil
20	Junior Keeper	8	1. Deepak kumar, 2) Surendra singh, 3) Ashutosh Kumar, 4) Ramveer, 5) Mohd. Shanu, 6) Brijkishor Giri, 7) Mahendra Singh Bisht, 8) Mohd Hasan
21	Head Mali	1	Ram Lauton
22	Mali	18	1-Kishori Lal, 2)Gaya Prasad, 3) Ram Sanehi, 4) Raghuwar Prasad, 5) Satish Kumar, 6) Uday Prakesh, 7) Mahesh Kumar Verma, 8) Deepak Gupta, 9) Mata Prasad, 10)Mahesh candra Pathak, 11) Rakesh Kumar Pal, 12)Santosh Kumar, 13) Chand Babu, 14) Ramjee, 15) Nil, 16) Nil, 17) Nil, 18) Nil
23	Senior Mahawat	1	Kamal Shekh
24	Junior Mahawat	3	1) Jalil, 2) Mateen, 3) NIL
25	Senior Sweeper	3	1. Ramesh, 2) Chhutanne,3) Rajjan Lal

26	Junior Sweeper	4	1- Raju Balmiki, 2) Shivnath, 3) Rajendra, 4) Ram Sevak
27	Chowkidar	20	1- Rajkumar-I, 2) Mohd. Anish, 3) Bachuli Devi, 4) Saurabh Parag, 5)Gangadeen, 6) Rajesh Kumar Nigam, 7)Ram Ashish, 8) Indra Pratap Gupta, 9) Rakesh Kumar Rawat, 10) Raj kumar-III, 11) Rohit Kumar, 12) Ajaybhan, 13)Ganga Ram, 14) Ram Narayan Kushwaha, 15) Harendra Kumar Patel, 16)Kuber, 17) Vinay Kumar Srivastava, 18) Gulab Chand Yadav, 19) Anil Kumar Mishre 20) Seema
28	Fisher- Man	2	1) Ramjeet Yadav, 2) Shayamacharan
29	Conductor-Guard(Bal Train)	1	Naseer Ahmad
30	Coolie	3	1- Deepak Chand, 2) Rakesh 3) Raj Kumari
31	Bhishti	1	Mohan Ram
32	Temp. Mali	1	Pappu
	<b>Total</b>	<b>93</b>	

### **9- Capacity Building of zoo personnel**

<b>S.No.</b>	<b>Name and designation of the zoo personnel</b>	<b>Subject matter of Training</b>	<b>Period of Training</b>	<b>Name of the Institution where the Training attended</b>
1	R. K.Singh, Director	Forest Tribal Interface	One Week	Tripura Forest Development and Plantation Corporation Limited, Agartala
		Visit to Mysore Zoo, Bannerghata Zoo, Hyderabad Zoo	3 Days	Aim to visit different zoo was to enrich the Lucknow Zoo
		Kanpur Zoo	One day	Aim to visit zoo was to enrich the Lucknow Zoo
		Delhi Zoo	Two days	Veterinarian Conference
2	Dr. Utkarsh Shukla, Dy. Director	Visit to Mysore Zoo, Bannerghata Zoo, Hyderabad Zoo	3 Days	Aim to visit different zoo was to enrich the Lucknow Zoo
		Kanpur Zoo	One day	Aim to visit zoo was to enrich the Lucknow Zoo
		Delhi Zoo	Two days	Veterinarian Conference
3	08 Keepers	Kanpur Zoo	One day	Exposure visit
4	Himanshu Singh	ZIMS training	Two days	Data compilation

## 10- Zoo Advisory Committee –

### a. Date of constitution- 04 August 2001

### b. Members- 19

1–	प्रमुख सचिव वन, उत्तर प्रदेश शासन, लखनऊ	अध्यक्ष
2–	सचिव, वन, उत्तर प्रदेश शासन, लखनऊ	वरिष्ठ उपाध्यक्ष
3–	प्रधान मुख्य वन संरक्षक और विभागाध्यक्ष उत्तर प्रदेश, लखनऊ	उपाध्यक्ष
4–	प्रधान मुख्य वन संरक्षक, वन्य जीव, उत्तर प्रदेश, लखनऊ एवं प्रशासक, प्राणि उद्यान, लखनऊ	सदस्य
5–	निदेशक, पशुपालन विभाग, उत्तर प्रदेश, लखनऊ	सदस्य
6–	निदेशक, मत्स्य विभाग, उत्तर प्रदेश, लखनऊ	सदस्य
7–	निदेशक, राष्ट्रीय वनस्पति उद्यान, लखनऊ	सदस्य
8–	निदेशक, पर्यावरण एवं परिस्थितिकीय, उत्तर प्रदेश, लखनऊ	सदस्य
9–	मुख्य नगर अधिकारी, नगर निगम, लखनऊ	सदस्य
10–	जिलाधिकारी, लखनऊ	सदस्य
11–	प्रमुख सचिव वित्त द्वारा नामित प्रतिनिधि (जो संयुक्त सचिव के स्तर से कम न हो)	सदस्य
12–	प्रमुख सचिव, नियोजन विभाग द्वारा नामित प्रतिनिधि (जो संयुक्त सचिव के स्तर से कम न हो)	सदस्य
13–	विभागाध्यक्ष, जीव विज्ञान, विश्वविद्यालय, लखनऊ	सदस्य
14–	वरिष्ठ पुलिस अधीक्षक, लखनऊ	सदस्य
15–	निदेशक, सांस्कृतिक कार्य विभाग, उत्तर प्रदेश, लखनऊ	सदस्य
16–	प्रबन्ध निदेशक, उत्तर प्रदेश, वन निगम, लखनऊ	सदस्य
17–	महा प्रबन्धक, भारतीय स्टेट बैंक, स्थानीय प्रधान कार्यालय, लखनऊ	सदस्य
18–	निदेशक, ऑचलिक विज्ञान केन्द्र अलीगंज, लखनऊ	विशेष आमंत्रित
19–	श्री सुधीर एस0 हलवासिया, हजरतगंज, लखनऊ	विशेष आमंत्रित

### c. Dates on which Meetings held during the year - 19-01-2018

## 11- Health Advisory Committee–

### a. Date of constitution- 17 March 2004

### b. Members- 12

1–	प्रधान मुख्य वन संरक्षक, उत्तर प्रदेश लखनऊ।	अध्यक्ष
2–	प्रधान मुख्य वन्य जीव प्रतिपालक, उत्तर प्रदेश लखनऊ।	उपाध्यक्ष
3–	सदस्य सचिव, केन्द्रीय चिड़ियाघर प्राधिकरण, नई दिल्ली द्वारा नामित प्रतिनिधि।	सदस्य
4–	अपर प्रधान मुख्य वन संरक्षक, राज्य चिड़ियाघर प्राधिकरण उ0प्र0	सदस्य
5–	निदेशक, पशुपालन विभाग उत्तर प्रदेश लखनऊ।	सदस्य
6–	निदेशक, लखनऊ प्राणि उद्यान, लखनऊ	सदस्य सचिव
7–	निदेशक, प्राणि उद्यान कानपुर	सदस्य
8–	इंचार्ज आई0वी0आर0आई0 बरेली	सदस्य
9–	वन्य जीव चिकित्सक (उपनिदेशक) प्राणि उद्यान लखनऊ।	सदस्य
10–	वन्य जीव चिकित्सक प्राणि उद्यान कानपुर।	सदस्य
11–	डा0 आर0पी0 पाण्डेय निदेशक क्लीनिक, वेटेनरी कालेज, दुवासु मथुरा।	सदस्य
12–	निदेशक, इटावा सफारी पार्क, इटावा।	सदस्य

### c. Dates on which Meetings held during the year- 23-08-2017 & 20-03-2018 in a Year

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

नवाब वाजिद अली शाह प्राणि उद्यान, लखनऊ में वित्तीय वर्ष 2017-18 के आय का विवरण

क्र०स०.	मदों का विवरण	धनराशि
1-	मुख्यद्वार	65,262,477.00
2-	प्रातः भ्रमण पास	180,400.00
3-	शैक्षिक छात्र	2,342,655.00
4-	वीडियों कैमरा	13,600.00
5-	बालरेल से आय	4,864,945.00
6-	बैट्री आपरेटेड वाहन	308,140.00
7-	क्लाक रूम	31,480.00
8-	बोतल रिफर्ड से आय	16,460.00
9-	3 डी0 हाल से आय	44,820.00
10-	जुर्माना से आय	5,850.00
	योग:-	<b>73,070,827.00</b>
11-	याशिका फूड रेस्टोरेन्ट ठेके से आय	874,000.00
12-	पराग बूथ के ठेके से आय	83,678.00
13-	पैडल बोट के ठेके से आय	502,500.00
14-	पानी की बोतल के स्टाल से आय	24,750.00
15-	आईसक्रीम ट्राली के ठेके से आय	756,000.00
16-	दिन्शा आईसक्रीम स्टॉल	387,000.00
17-	पेप्सी कोला रेस्टोरेन्ट	240,000.00
18-	स्वीटकार्न स्टाल से आय	595,021.00
19-	फूड कोर्ट के ठेके से आय	1,485,083.00
20-	वाहन पार्किंग के ठेके से आय	638,342.00
21-	सोविनियर शाप के ठेके से आय	53,550.00
22-	स्टेटे बैंक ए0 टी0 एम0 से प्राप्त	622,535.00
23-	योग:-	<b>6,262,459.00</b>
24-	वन्य जीवों के अंगीकरण	893,925.00
25-	वाटर चार्ज	2,950.00
26-	टेण्डर फार्म	79,670.00
27-	नीलामी से आय	351,000.00
28-	अन्य आय	122,376.00
29-	ब्याज से प्राप्त आय	621,459.00
30-	योग:-	<b>2,071,380.00</b>
31-	राज्य सरकार से प्राप्त वार्षिक अनुदान	<b>60,000,000.00</b>
32-	बीओबी के खाता सं0 3887 में प्राप्त परिपक्वता से	1,027,786.00
33-	बीओबी में खाता सं0 3887 में ई0-टिकटिंग से	800,000.00
34-	बीओबी खाता सं0 3887 में एसबीआई से व0प्रा0स0 हेतु	1,085,000.00
35-	बीओबी खाता सं0 3887 में एसबीआई से	364,992.00
36-	बीओबी खाता सं0 3887 में ग्रान्ट खाते से	45,317.00
	योग:-	<b>3,323,095.00</b>

<b>कुल योग:—</b>	<b>144,727,761.00</b>
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नवाब वाजिद अली शाह प्राणि उद्यान, लखनऊ में वित्तीय वर्ष 2017-18 के व्यय का विवरण

क्र०सं०	मदों का विवरण	धनराशि
1	वेतन/एरियर/बोनस	32,688,345.00
2	अवकाश नकदीकरण	399,840.00
3	पेंशन/ग्रेच्युटी/राशिकरण	8,272,067.00
4	अवकाश वेतन/पेंशनरी अंशदान	1,242,258.00
5	दैनिक श्रमिक	13,913,908.00
6	औषधि/अस्पताल	1,277,825.50
7	फल सब्जी	6,185,768.00
8	मछली क्रय	2,863,527.00
9	राशन/दाना अनाज	5,863,256.50
10	मांस क्रय	12,360,556.00
11	हरा चारा	1,412,993.00
12	गन्ना/दूध/अन्य	129,599.00
13	वन्य जीव के बाड़े	6,287,593.50
14	विद्युत व्यय	6,515,122.00
15	क्रय परिवहन/खस ट्टिया आदि	263,500.00
16	भवन अनुरक्षण	2,923,564.00
17	मशीन साज-सज्जा	934,933.00
18	बालरेल पर व्यय	706,078.00
19	मछलीघर पर व्यय	1,393,807.00
20	उद्यान पर व्यय	4,132,661.00
21	अन्य प्रकीर्ण व्यय (प्रचार-प्रसार/फोटो)	3,361,935.00
22	नक्शे/किताबें/छपाई/फाईल कवर	705,212.00
23	मोटर गाड़ी अनुरक्षण	1,539,645.00
24	किराया/उपशुल्क/कर	399,277.00
25	कार्यालय व्यय/डाक/वर्दी	1,276,521.00
26	टेलीफोन/मोवाइल विल	433,164.00
27	यात्रा व्यय	719,909.00
28	पारितोषिक	20,500.00
29	बैंक चार्जेंज	13,448.00
30	अन्य व्यय	649,878.50
31	विनियोजन (एफ०डी०)	16,000,000.00
	<b>कुल व्यय धनराशि</b>	<b>134,886,691.00</b>

### 13- Daily feed Schedule of animals

S.N.	Animal	Type and Quantity of Feed (Approx)
	<b>CARNIVORES</b>	
1.	Tiger	Buffalo Calf meat- 10 to 14 kg.
2.	White Tiger	Buffalo Calf meat- 10 to 14 kg.
3.	Wolf Indian	Buffalo Calf meat- 2 to 2.500 kg.
4.	Leopard/Panther	Buffalo Calf meat- 2 to 3.500 kg.
5.	Jackal	Buffalo Calf meat- 1 kg.
6.	Common Fox	Buffalo Calf meat- 0.250 kg.
7.	Himalayan black bear	Egg- 1 pieces Milk- 1 lt. Concentrate (Rice and barley flour) – 0.500 kg. Seasonal fruit & vegetables- 3.750 kg.
8.	Sloth bear	Egg- 1 pieces Milk- 1 lt. Concentrate(Rice and barley flour) – 0.500 kg. Seasonal fruit & vegetables- 3.750 kg.
9.	Fishing Cat	Buffalo Calf meat- 0.500 kg.
10.	Caracal	Chicken meat- 0.750 Kg.
11.	Palm Civet Cat	Buffalo Calf meat- 0.250 Kg. <b>or</b> 0.500 kg. Banana
12.	Hybrid Lion	Buffalo Calf meat- 8 to 12 Kg.
13.	Jungle cat	Buffalo or Calf meat- 0.500 to 0-750 Kg.
14.	Serval cat	Chicken meat- 0.750 Kg.
15.	Hyena	Buffalo Calf meat- 2 to 2.500 kg.
	<b>HERBIVORES</b>	
16.	Black buck	Concentrate – 0.600 kg. Seasonal fruit & vegetables- 0.500 kg. Green leaves (Tree lopping )- 1.5 to 2 kg.
17.	Swamp deer	Concentrate – 1.750 kg. Seasonal fruit & vegetables- 1 kg. Green leaves (Tree lopping )- 1.250 kg. Green fodder (Chari/Barseem)- 5.500 kg.
18.	Chinkara	Concentrate – 1 kg. Green leaves (Tree lopping )- 1.5 to 2 kg.
19.	Giraffe Female	Concentrate – 6.900 kg. Seasonal fruit & vegetables- 8.500 kg. Jaggery- 0.200 kg. Black salt- 0.025 kg. White salt- 0.025 kg. Green leaves (Tree lopping )- 15 kg.



20.	Hippopotamus	Concentrate – 5 kg. (1 kg. extra for male) Seasonal fruit & vegetables- 25.200 kg. (5.500 kg. extra for male) Jaggery- 0.350 kg. Black salt- 0.050 kg. Green fodder (Chari/Barseem)- 30 to 40 kg.
21.	Hog deer	Concentrate – 0.550 kg. Seasonal fruit & vegetables- 0.500 kg. Green leaves (Tree lopping )- 0.500 kg. Green fodder (Chari/Barseem)- 1.500 kg.
22.	Spotted deer	Concentrate – 1.100 kg. Seasonal fruit & vegetables- 0.500 kg. Green leaves (Tree lopping )- 0.500 kg. Green fodder (Chari/Barseem)- 1.500 kg.
23.	Sambar deer	Concentrate – 2.00 kg. Seasonal fruit & vegetables- 1.500 kg. Green leaves (Tree lopping )- 1.250 kg. Green fodder (Chari/Barseem)- 5.500 kg.
24.	Barking deer	Concentrate – 0.550 kg. Seasonal fruit & vegetables- 0.500 kg. Green leaves (Tree lopping )- 1.5 to 2 kg.
	<b>RODENTS</b>	
25.	Indian Giant Squirrel	Concentrate – 0.100 kg. Bread – 2 pcs. Seasonal fruit & vegetables- 0.632 kg.
26.	Flying squirrel	Concentrate – 0.100 kg. Bread – 2 pcs. Seasonal fruit & vegetables- 0.632 kg.
27.	Indian Porcupine	Concentrate – 0.022 kg. Seasonal fruit & vegetables- 0.970 kg.
	<b>PRIMATES</b>	
28.	Chimpanzee	Egg- 5 pcs. Seasonal fruit & vegetables- 8.375 kg.
29.	Hoolock Gibbon	Egg- 1 pcs. Seasonal fruit & vegetables- 2.050 kg.
30.	Macaque Bonnet	Egg- 1 pcs. Seasonal fruit & vegetables- 2.050 kg.
31.	Macaque Stump tailed	Egg- 1 pcs. Seasonal fruit & vegetables- 2.050 kg.
32.	Lion tailed Monkey	Egg- 1 pcs. Seasonal fruit & vegetables- 2.050 kg.
33.	Langur	Egg- 1 pcs. Seasonal fruit & vegetables- 2.450 kg. Leaves (Goolar)- 0.500 kg.

	<b>Birds</b>	
1.	White peacock	Concentrate – 0.122 kg. Seasonal fruit & vegetables- 0.130 kg. Chopped meat- 0.010 kg. (only in winter season)
2.	Indian peacock	Concentrate – 0.222 kg. Seasonal fruit & vegetables- 0.130 kg. Chopped meat- 0.010 kg. (only in winter season)
3.	Hill Myna	Bread- 1 pcs. Concentrate - 0.020 kg. Seasonal fruit & vegetables- 0.050 kg. Milk- 0.055 kg. Jaggery- 0.050 kg.
4.	Vulture	Buffalo Calf meat- 0.750 kg. (for adult) Buffalo Calf meat- 0.250 kg. (for small)
5.	Great hornbill	Egg- 1 pcs. Bread- 2 pcs. Milk- 0.200 ltr. Seasonal fruit & vegetables- 0.250 kg.
6.	Spoon bill	Small fish- 0.500 kg.
7.	Barheaded Goose	Concentrate – 0.295 kg.
8.	White Stork	Fish- 0.500 kg.
9.	Painted Stork	Small fish- 0.500 kg.
10.	White Necked Stork	Small fish- 0.500 kg.
11.	Black Necked Stork	Small fish- 0.500 kg.
12.	White Ibis	Small fish- 0.250 kg.
13.	Common Crane	Small fish- 2.500 kg. Concentrate – 0.250 kg.
14.	Demoiselle Crane	Concentrate – 0.585 kg. Small fish- 0.500 kg.
15.	Sarus Crane	Concentrate – 0.650 kg. Small fish- 0.500 kg.
16.	Cockateal	Concentrate – 0.060 Seasonal fruit & vegetables- 0.015 kg.
17.	Sleety parakeet	Concentrate – 0.005 kg. Seasonal fruit & vegetables- 0.500 kg.
18.	Blossom Headed Parakeet	Concentrate – 0.125 kg. Seasonal fruit & vegetables- 0.400 kg.
19.	Rose ring Parakeet	Concentrate – 0.175 kg. Seasonal fruit & vegetables- 0.400 kg.
20.	Large Indian Parakeet	Concentrate – 0.125 kg. Seasonal fruit & vegetables- 0.400 kg.
21.	Indian Red Breasted Parakeet	Concentrate – 0.125 kg.

		Seasonal fruit & vegetables- 0.400 kg.
22.	Grey Parakeet	Concentrate – 0.125 kg. Seasonal fruit & vegetables- 0.400 kg.
23.	Yelow Parakeet (Albino)	Concentrate – 0.125 kg. Seasonal fruit & vegetables- 0.400 kg.
24.	Military Parakeet	Concentrate – 0.125 kg. Seasonal fruit & vegetables- 0.400 kg.
25.	Grey White Parakeet	Concentrate – 0.125 kg. Seasonal fruit & vegetables- 0.400 kg.
26.	Red Drum Parakeet	Concentrate – 0.125 kg. Seasonal fruit & vegetables- 0.400 kg.
27.	Rosella	Concentrate – 0.125 kg. Seasonal fruit & vegetables- 0.400 kg.
28.	Blue Yellow Macaw	Concentrate – 0.234 kg. Seasonal fruit & vegetables- 0.778 kg. Egg- 1 pcs.
29.	Brahminy duck	Concentrate – 0.480 kg.
30.	Red Jungle fowl	Concentrate – 0.123 kg. Seasonal fruit & vegetables- 0.105 kg. Chopped meat- 0.010 (only in winter season)
31.	Pheasant	Concentrate – 0.310 kg. Seasonal fruit & vegetables- 0.145 kg. Chopped meat- 0.010 (only in winter season)
32.	Grey partridge	Concentrate – 0.082 kg. Seasonal fruit & vegetables- 0.100 kg. Chopped meat- 0.010 (only in winter season)
33.	Black partridge	Concentrate – 0.082 kg. Seasonal fruit & vegetables- 0.100 kg. Chopped meat- 0.010 (only in winter season)
34.	Ostrich	Concentrate – 1.695 kg. Seasonal fruit & vegetables- 1.220 kg.
35.	Emu	Concentrate – 0.205 kg. Seasonal fruit & vegetables- 3.425 kg. Bread- 6 to 8 pcs.
36.	Rosy pelican	Big Fish- 01 kg.
37.	White dove	Concentrate – 0.090 kg.
38.	Grey leg goose	Concentrate – 0.525 kg.
39.	Owls	Rat- 1 to 2
40.	Love Bird	Concentrate – 0.033
41.	Black Swan	Concentrate – 0.480 kg. Seasonal fruit & vegetables- 0.050 kg.
42.	Knob duck	Concentrate – 0.480 kg. Seasonal fruit & vegetables- 0.050 kg.
43.	Budgeriger	Concentrate – 0.028 kg.

44.	Water Duck	Concentrate – 0.480 kg. Seasonal fruit & vegetables- 0.050 kg.
	<b>Reptiles</b>	
1.	Indian Python	4 rabbits in 1 month (Till 8 month), not in winter season.
2.	Viper	1 to 2 rat- on every 10 <sup>th</sup> day (Not in winter season)
3.	Indian Cobra	1 to 2 rat- on every 10 <sup>th</sup> day (Not in winter season)
4.	Rat Snake	1 to 2 rat- on every 10 <sup>th</sup> day (Not in winter season)
5.	Sand Boa	1 to 2 rat- on every 10 <sup>th</sup> day (Not in winter season)
6.	Earth Snake or Sand Snake	1 to 2 rat- on every 10 <sup>th</sup> day (Not in winter season)
7.	Water Snake	1 to 2 rat- on every 10 <sup>th</sup> day (Not in winter season)
8.	Turtle	Buffalo Calf meat- 0.250 kg. or Seasonal fruits
9.	Ghariyal	Fish- 1 kg. (Not in winter season)
10.	Crocodile Marsh (Mugger)	Buffalo beef meat- 0.500 kg. Twice in a weak (Not in winter season)

**Note-** Fruits and vegetables are provided according season and availability.

#### **14- Vaccination Schedule of animals**

S.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Faline	Feline Panleukopenia, Feline Calicivirus, Feline Leukemia, Rhinotracheitis	Biofel PCHR 1 ml, subcutaneously	Annual	
2	Canine	Canine Distemper, Adenovirus Type 1, Adenovirus Type 2, Hepatitis, Parainfluenza, Parvovirus, Leptospira, Rabies	1 ml, subcutaneously	Annual	

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

S. No.	Species	Drug used	Month
1-	Lion, Tiger, Hyena, Leopard, Fishing cat, Jackal, bear	Albendazole/fenbendazole/praziquantel / pyrental pamoate	Once in every 3 month
2-	Rhinoceros, Giraffe, Sambhar, hog deer, barking deer, chetal	Albendazole/fenbendazole/praziquantel	Once in every 6 month
3-	All primates	Albendazole/fenbendazole/praziquantel	Once in every 6 month
4-	All birds	Albendazole/fenbendazole/praziquantel	Once in every 6 month

## 16- Disinfection Schedule

S.No.	Area/Enclosure	Cleaning of enclosure	Removal of weeds/lopping/cleaning/to throw soil/to spread lime/cleaning of outer area	Cleaning of drinking water vessel/Pan	Cleaning of pond
	<b>Deer line</b>				
1.	Black buck, Hog deer, Swamp deer, Barking deer, Spotted deer	Daily	Monthly	Weakly	--
2.	Serpentarium (Both old and new)	Daily	--	--	--
3.	White dove	Daily	--	Daily	--
4.	Lion tailed monkey and Chimpanzee	Daily	Monthly	Daily	
5.	Hippo	Daily	--	--	Every 2 Week
6.	Ostrich	Daily	Monthly	Weakly	
	<b>Tiger house</b>				
7.	Tiger, Sloth bear, Himalayan black bear	Daily	Monthly	Daily	Monthly
8.	Rosy pelican, Sambar deer	Daily	Monthly	--	Monthly
	<b>Lion House</b>				
9.	White tiger & Panther house	Daily	Monthly	Daily	Monthly
10.	Small animal house (Fox, Jackal) Crocodile and Ghariyal	Daily	Monthly	--	Monthly
11.	Hyena	Daily	--	Daily	--
	<b>Bird Section</b>				
12.	All monkey	Daily	Monthly	Daily	--
13.	Duck pond	--	--	--	Monthly
14.	Sarus crane, Black nacked stork, Turtle, Emu, Parrot house	Daily	Monthly	Daily	Monthly
15.	Hoolock gibbon and Fishing cat	Daily	Monthly	Daily	--
	<b>Deer Safari</b>				
16.	Spotted deer, Swamp deer	Daily	Monthly	Weakly	Monthly
17.	Giraffe	Daily	Monthly	Daily	--
18.	Ostrich	Daily	Monthly	Daily	--
19.	Emu	Daily	Monthly	Weakly	--
	<b>New Bird Section</b>				
20.	All macaw	Daily	Monthly	Daily	
21.	All Pheasantry	Daily	Monthly	Daily	
	<b>Deer park</b>				
22.	Wolf	Daily	Monthly	Daily	--
23.	Jangle cat	Daily	Monthly	Daily	--
24.	Butter fly park	Daily	Monthly	--	--
	<b>Hospital</b>				

25.	Isolation ward	Daily	Monthly	Daily	
26.	All hospital enclosure	Daily	Monthly	Daily	
	<b>Nocturnal house</b>				
27.	All nocturnal animal enclosure	Daily	Weakly	Daily	
28.	Chinkara deer	Daily	Weakly	Daily	
	<b>Aquarium</b>				
29.	All fishes and turtles	Daily	Weakly		

**Name of Disinfectants used**

- Virkon-s
- Kohrsolin T H
- Chlorasol
- Potassium permagnate
- Res-Q

**17- Health Check-up of employees for zoonotic diseases**

S.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1-	All zoo employee	Doctors, Keepers, Sweepers, Mali	Annually	No employee are affected from the Zoonotic disease

**18- Development Works carried out in the zoo during the year**

- Improvement in Zoo Kitchen to keep the premises safe and hygienic
- Establishment and inauguration of Butterfly park
- Establishment and inauguration of Nature Interpretation Centre
- Construction of Souvenir Shop
- Improvement of Mammals and Avian indoor wards in Hospital

**19- Education and Awareness programs during the year**

- Ground Water Awareness program by Students.
- Talk to keepers
- Spot Photo Exhibition
- Zoo Volunteer Programs
- Management and Education Workshop held by TSA
- Under privileged Children's educational tour
- Swachh Bharat Mission
- Essay writing and drawing competition by school students on World environment day.

## 20- Important Events and happenings in the Zoo

- World Environment Day



- World Tiger Day



- Wild Life Week-2017



- 97<sup>th</sup> Zoo Foundation Day Celebration



- Women's Day Celebration



- World Sparrow Day









## **22- Research work carried out and publications**

Maintained records of treatment of animals rescued from wild and zoo animals.

## **23- Conservation Breeding Program of the Zoo**

Swamp Deer Breeding Program will be proposed shortly.

## **24- Animal Acquisition/Transfer/Exchange during the year**

<b>A.</b>	<b>Animals arriving in the Zoo</b>				
	<b>H.NO.</b>	<b>Species</b>	<b>Number (M:F:U)</b>	<b>From which Zoo</b>	<b>Date of arrival in the zoo</b>
	1.	Indian peacock	0:1:0	Received from Local area.	04-04-2017
	2.	Fishing cat	1:0:0	Received from Sultanpur Forest Division.	15-05-2017
	3.	Panther	1:0:0	Received from Sultanpur forest Division	29-05-2017
	4.	Panther	0:1:0	Received from Pilibhit Forest Division.	09-06-2017
	5.	Griffon Vulture	0:0:1	Received from Local area.	14-06-2017
	6.	Panther	0:1:0	Received from Bahraich Forest Division.	28-07-2017
	7.	Panther	1:0:0	Received from Barabanki Forest Division. (Released on 21-08-2017 at Katarnia Ghat forest division)	13-08-2017
	8.	Panther Cub	0:1:0	Received from Mukeria Village, Bahraich Forest Division.	13-10-2017
	9.	Panther	0:1:0	Received from Mukeria Village, Bahraich Forest Division.	14-10-2017
	10.	Viper	0:0:2	Received from Local area.	28-11-2017
	11.	Cobra	0:0:2	Received from Local area.	28-11-2017
	12.	Langur	1:0:0	Rescue from Local area.	19-12-2017
	13.	Jangle cat	2:0:0	Received from Indira Gandhi Zoological Park, Visakhapatnam.	15-03-2018
	14.	Panther	1:0:0	Rescued from Mullakheda, Gosaiganj, Lucknow (Rescued by Lucknow zoo team)	20-03-2018
<b>B.</b>	<b>Animals going from the zoo</b>				
	<b>H.NO.</b>	<b>Species</b>	<b>Number (M:F:U)</b>	<b>Going to which Zoo</b>	<b>Date of deposition from the zoo</b>
	1.	Sloth bear	3:1:0	Sent to Etawah Lion Safari	03-04-2017

	2.	Black buck (Normal)	3:2:0	Albino and Black color black buck has been separated	10-04-2017
	3.	Indian Cobra	0:0:3	Released in Wild	22-05-2017
	4.	Viper	0:0:12	Released in Wild	22-05-2017
	5.	Knob duck	0:1:0	Escape	15-06-2017
	6.	Swamp deer	2:2:0	Sent to Himalayan Nature Park, Kufri, Shimla, Himachal Pradesh.	22-07-2017
	7.	Hog deer	1:2:0	Sent to Himalayan Nature Park, Kufri, Shimla, Himachal Pradesh.	22-07-2017
	8.	Spotted deer	2:2:0	Sent to Himalayan Nature Park, Kufri, Shimla, Himachal Pradesh.	22-07-2017
	9.	Panther	1:0:0	Released him Katarnia Ghat forest division	21-08-2017
	10.	Rhesus Monkey	2:1:0	Released in wild	19-12-2017
	11.	Hog deer	0:5:0	Sent to I.V.R.I.	26-02-2018

## **25- Rescue and Rehabilitation of the 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.	15-05-2017	Fishing cat (1:0:0:1)	Received from Sultanpur Forest Division.	--	--	Yes
2.	29-05-2017	Panther (1:0:0:1)	Received from Sultanpur forest Division	--	--	Yes
3.	09-06-2017	Panther (0:1:0:1)	Received from Pilibhit Forest Division.	--	--	Yes
4.	14-06-2017	Griffon Vulture (0:0:1:1)	Received from local person	--	--	Yes
5.	28-07-2017	Panther (0:1:0:1)	Received from Bahraich Forest Division.	-	--	Yes
6.	13-08-2017	Panther (1:0:0:1)	Received from Barabanki Forest Division.	--	Released him Katarnia Ghat forest division on 21-08-2017	Yes

7.	13-10-2017	Panther Cub (0:1:0:1)	Received from Mukeria Village, Bahraich Forest Division.	--	--	Yes
8.	14-10-2017	Panther (0:1:0:1)	Received from Mukeria Village, Bahraich Forest Division.	--	--	Yes
9.	28-11-2017	Viper (0:0:2:2)	Received from Local area.	--	--	Yes
10.	28-11-2017	Cobra (0:0:2:2)	Received from Local area.	--	--	Yes
11.	19-12-2017	Langur (1:0:0:1)	Rescue from Local area.	--	--	Yes
12.	20-03-2018	Panther (1:0:0:1)	Rescued from Mullakheda, Gosaiganj, Lucknow	--	--	Yes

## 26- Annual Inventory of animals

### Endangered Species

S.no	Species of Mammals	Scientific Name	Opening Stock as on 31 March, 2017				Birth M:F:U	Acquisition M:F:U	Disposal M:F:U	Death M:F:U	Closing Stock as on 31 March, 2018			
			M	F	U	T					M	F	U	T
	<b>CARNIVORES</b>													
1	Bengal Tiger	<i>Panthera tigris tigris</i>	4	3	0	7					4	3	0	7
2	White Tiger	<i>Panthera tigris tigris</i>	3	1	0	4				1,0,0	2	1	0	3
3	Wolf Indian	<i>Canis lupus pallipes</i>	1	1	0	2					1	1	0	2
4	Leopard/Panther	<i>Panthera pardus</i>	6	3	0	9		3,4,0	1,0,0	0,1,0	8	6	0	4
5	Jackal	<i>Canis aureus</i>	2	2	1	5					2	2	1	5
6	Common Fox	<i>Vulpes bengalensis</i>	1	1	2	4					1	1	2	4
7	Himalayan black bear	<i>Ursus thibetanus</i>	1	2	0	3					1	2	0	3
8	Sloth bear	<i>Melursus ursinus</i>	5	3	0	8			3,1,0	0,1,0	2	1	0	3
9	Fishing Cat	<i>Prionailurus viverrinus</i>	1	0	1	2		1,0,0			1	2	0	3
10	Caracal	<i>Caracal caracal</i>	1	4	0	5				1,1,0	0	3	0	3
11	Palm Civet Cat	<i>Paradoxurus hermaphroditus</i>	1	1	0	2					1	1	0	2
	<b>HERBIVORES</b>													
*12	Black buck	<i>Antilope cervicapra</i>	14	11	10	35	0,0,15		3,2,0	1,0,0	1	1	1	4
13	Black buck (Albino)	<i>Antilope cervicapra</i>	0	0	0	0		3,2,0		1,0,0	2	2	0	4
14	Swamp deer	<i>Cervus duvauceli</i>	19	42	12	73	0,0,10		2,2,0	2,0,0	1	4	2	7
15	Chinkara	<i>Gazella bennettii</i>	1	0	0	1					1	0	0	1
16	Indian Rhino	<i>Rhinoceros unicornis</i>	1	0	0	1				1,0,0	0	0	0	0
	<b>PRIMATES</b>													
17	Hoolock Gibbon	<i>Hoolock hoolock</i>	1	0	0	1					1	0	0	1
18	Macaque Bonnet	<i>Macaca radiata</i>	5	1	1	7					4	3	0	7
19	Macaque Stump tailed	<i>Macaca arctoides</i>	0	1	0	1					0	1	0	1
20	Rhesus Monkey	<i>Macaca mulatta</i>	2	1	0	3			2,1,0		0	0	0	0
21	Common Langur	<i>Semnopithecus entellus</i>	2	2	0	4		1,0,0			3	2	0	5

22	Lion tailed Monkey	<i>Macaca silenus</i>	1	1	0	2					1	1	0	2
	<b>RODENTS</b>													
23	Indian Giant Squirrel	<i>Ratufa indica</i>	3	4	0	7			0,1,0		3	3	0	6
	<b>Total -</b>										6	9	4	1
			75	84	27	186					5	2	0	97
<b>S.no</b>	<b>Species of Birds</b>	<b>Scientific Name</b>	<b>Opening Stock as on 31 March, 2017</b>				<b>Birth</b>	<b>Acquisition</b>	<b>Disposal</b>	<b>Death</b>	<b>Closing Stock as on 31 March, 2018</b>			
1	Kalij pheasant	<i>Lophura leucomelanos</i>	3	1	0	4			1,0,0	2	1	0	3	
2	Indian Peacock	<i>Pavo cristatus</i>	0	0	0	0		0,1,0		0	1	0	1	
3	White peacock	<i>Pavo cristatus</i>	3	1	2	6				3	3	0	6	
4	Hill Myna	<i>Gracula religiosa</i>	6	5	0	11				6	5	0	11	
5	Griffon Vulture	<i>Gyps fulvus</i>	0	0	0	0		0,0,1		0	0	1	1	
6	Egyptian Vulture	<i>Neophron percnopterus</i>	0	0	2	2			1,0,0	0	0	1	1	
7	Great hornbill	<i>Buceros bicornis</i>	0	0	4	4				0	0	4	4	
8	Spoon bill	<i>Platalea leucorodia</i>	1	0	0	1				1	0	0	1	
	<b>Total -</b>		13	7	8	28				1	1	0	2	
										2	0	6	8	
<b>S.no</b>	<b>Species of Reptiles</b>	<b>Scientific Name</b>	<b>Opening Stock as on 31 March, 2017</b>				<b>Birth</b>	<b>Acquisition</b>	<b>Disposal</b>	<b>Death</b>	<b>Closing Stock as on 31 March, 2018</b>			
1	Crocodile Marsh (Mugger)	<i>Crocodylus palustris</i>	1	1	8	10	1,0,0		2,0,0	1	1	7	9	
2	Ghariyal	<i>Gavialis gangeticus</i>	3	13	0	16				3	1	0	6	
3	Indian Python	<i>Python molurus</i>	2	2	20	24				1	3	0	4	
4	Indian Cobra	<i>Naja naja</i>	1	0	2	3		0,0,2	1,0,2	0	0	2	2	
5	Viper	<i>Vipera russellii</i>	0	0	12	12		0,0,2	0,0,12	0	0	2	2	
6	Rat Snake	<i>Ptyas mucosus</i>	1	0	3	4				1	0	3	4	
	<b>Total -</b>		8	16	45	69				2	2	1	5	
										0	3	4	7	
	<b>Total Animals-</b>			10		28				9	1		2	
			96	7	80	3				7	2	6	8	
										5	0	0	2	

### Other than Endangered Species

S.no	Species of Mammals	Scientific Name	Opening Stock as on 31 March, 2017				Birth	Acquisition	Disposal	Death	Closing Stock as on 31 March, 2018			
			M	F	U	T					M:F:U	M:F:U	M:F:U	M:F:U
	<b>CARNIVORES</b>													
1	Hybrid Lion	<i>Panthera leo</i>	2	6	0	8			1,1,0	1	5	0	6	
2	Jungle Cat	<i>Felis chaus</i>	0	2	0	2		2,0,0		2	2	0	4	
3	Serval cat	<i>Leptailurus serval</i>	1	0	0	1				1	0	0	1	
4	Hyaena	<i>Hyaena hyaena</i>	1	1	0	2				1	1	0	2	
	<b>HERBIVORES</b>													
5	Giraffe	<i>Giraffa camelopardalis</i>	0	1	0	1				0	1	0	1	
6	Hippopotamus	<i>Hippopotamus amphibius</i>	2	2	1	5				2	2	1	5	
7	Hog deer	<i>Axis porcinus</i>	3	25	14	42			1,7,0	7	2	0	2	
8	Spotted deer	<i>Axis axis</i>	52	40	28	120	0,0,10		2,2,0	4	5	1	1	
									2,0,0	8	8	8	2	



30	Reeves pheasant	<i>Symaticus reevesi</i>	1	1	0	2			0,1,0	1	0	0	1	
31	Creech Pheasant		0	0	1	1		0,0,1		0	0	0	0	
32	Cheer Pheasant	<i>Catreus wallichii</i>	0	2	0	2				0	2	0	2	
33	Grey partridge	<i>Francolinus pondicerianus</i>	4	4	0	8			1,1,0	3	3	0	6	
34	Black partridge	<i>Francolinus francolinus</i>	0	0	1	1			1,0,0	0	0	0	0	
35	Ostrich	<i>Stuthio camalus</i>	2	2	0	4				2	2	0	4	
36	Emu	<i>Dromaius novaehollandiae</i>	2	1	5	8				2	2	4	8	
37	Rosy pelican	<i>Pelecanus onocrotalus</i>	2	2	24	28				2	2	4	8	
38	White dove	<i>Columbiformes</i>	10	20	12	42				1	2	1	4	
39	Spotted Dove	<i>Streptopelia chinens.</i>	0	0	1	1				0	0	1	1	
40	Grey leg goose	<i>Anser anser</i>	1	0	2	3			1,0,0	0	0	2	2	
41	Barn Owl	<i>Tyto alba</i>	2	1	4	7				2	1	4	7	
42	Great Horn owl	<i>Bubo virginianus</i>	1	1	0	2				1	1	0	2	
43	Eagle Owl	<i>Bubo nipalensis</i>	2	1	1	4				2	1	1	4	
44	Mottled Wood Owl	<i>Strix ocellata</i>	1	1	0	2				1	1	0	2	
45	Owlet Jungle	<i>Glaucidium radiatum</i>	4	2	0	6				4	2	0	6	
46	Love Bird	<i>Agapornis</i>	10	6	0	16				1	6	0	1	
47	Black Swan	<i>Cygnus atratus</i>	1	1	0	2			0,1,0	1	0	0	1	
48	Knob duck	<i>Sarkidiornis melanotos</i>	1	2	0	3			0,1,0	1	1	0	2	
49	Budgeriger	<i>Melopsittacus undulatus</i>	15	30	0	45				1	3	0	4	
	<b>Total-</b>		12	15	20	48				5	0		5	
			7	0	9	6				1	1	2	4	
										2	4	1	8	
										0	5	9	4	
<b>S.no</b>	<b>Species of Reptiles</b>	<b>Scientific Name</b>	<b>Opening Stock as on 31 March, 2017</b>				<b>Birth</b>	<b>Acquisition</b>	<b>Disposal</b>	<b>Death</b>	<b>Closing Stock as on 31 March, 2018</b>			
1	Sand Boa	<i>Eryx conicus</i>	2	2	6	10				2	2	6	10	
2	Earth Snake or Sand Snake	<i>Psammoplis leithi</i>	3	2	3	8				3	2	3	8	
3	Water Snake	<i>Nerodia sipedon</i>	0	0	3	3				0	0	3	3	
4	Turtle		1	1	15	17				1	1	1	7	
	<b>Total-</b>		6	5	27	38				6	5	7	38	
	<b>Total Animals-</b>		20	24	28	73				2	2	2	7	
			3	8	7	8				0	5	7	3	
										1	6	3	0	

## 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.	Indinan Giant squirrel	<i>Rutufa indica</i>	F	19/04/2017	Senility
2.	Black buck (Albino)	<i>Antilope cervicapra</i>	M	21/05/2017	Senility
3.	Sloth bear (Rajkumari)	<i>Melursus ursinus</i>	F	18/06/2017	Senility
4.	Caracal	<i>Caracal caracal</i>	M	31/07/2017	Cardio respiratory failure

5.	Caracal	<i>Caracal caracal</i>	F	01/09/2017	Cardiac failure
6.	Black buck	<i>Antilope cervicapra</i>	M	002/9/2017	Bronchopneumonia
7.	Swamp deer	<i>Cervus duvauceli</i>	M	04/09/2017	Traumatic Shock
8.	Swamp deer	<i>Cervus duvauceli</i>	M	11/10/2017	Hypertrophy of heart
9.	White Tiger (Aryan)	<i>Panthera tigris tigris</i>	M	24/11/2017	Senility
10.	Rhino (Lohit)	<i>Rhinoceros unicornis</i>	M	02/02/2018	Senility
11.	Panther (Diya)	<i>Panthera pardus</i>	F	07/02/2018	Senility
<b>Birds</b>					
12.	Kalij pheasant	<i>Lophura leucomelanos</i>	M	30/05/2017	Senility
13.	Egyptian Vulture	<i>Neophron percnopterus</i>	M	13/02/2018	Acute bronchopneumonia
<b>Reptiles</b>					
14.	Crocodile Marsh (Mugger)	<i>Crocodylus palustris</i>	M	26/12/2017	Nephritis
15.	Crocodile Marsh (Mugger)	<i>Crocodylus palustris</i>	M	16/02/2018	Internal injury due to Fight

### **28- Status of the compliance with conditions stipulated by the Central Zoo Authority**

S.No.	Norm No.	Condition Stipulated	Time Period to Comply	
<b>General Requirements:</b>				
1	1.9	The domestic geese should be removed from the pelican enclosure.	With immediate effect	Complied with
<b>Administrative and Staffing Pattern:</b>				
2	2.2	The Zoo should have a full time veterinary officer.	Six months	Complied with
<b>Animal housing, display of animals and animal enclosures:</b>				
3	4.1	The existing primate section requires a complete overhaul and a modern small primate section created.	Two years	Complied with
4	4.2	The size and design of reptile house should be increased to meet the biological requirement of the species.	Two years	Work in progress
5.	4.5	The heritage Balrampur lion house may be renovated and rebuilt by adding additional extension area and while doing so the heritage structure and modern extension should merge.	Two years	Under consideration
6.	4.6	The enrichment in primates, reptiles	Six months	Complied with

		and in Sambar (Creating wallowing pool) should be dealt with at the earliest.  The existing mugger crocodile exhibit area may be renovated by removing the multiple row of fountains and relocating the restraining area and increasing the height of the surrounding land area away from the visitor site.	One years	Complied with
7.	4.9	Adequate no. of directional signages should be provided at each crossing.	One years	Partly complied Work in process
8.	4.10	a) Animal signages with interesting facts should be provided.  b) The animal signages fixed in display area must be installed outside.  c) The current practice of scattered and multiple signages in each enclosure should be dispensed with and if the need be the signages can be clustered in one area.	Six months  Three months  Six months	a) Partly complied Work in process. b) Partly complied Work in process. c) Partly complied Work in process.
<b>Upkeep and healthcare of animals:</b>				
9.	5.2(6)	Water sample should be got tested periodically.	Two months	Complied with
10.	5.3(5)	The zoo should maintain keeper diary, daily report, studbook as per CZA Performa.	One months	Complied with
<b>Veterinary and Breeding of animals:</b>				
11.	6.1(b)	The veterinarian and technician must be sent for training in equipment use and data analysis.	One year	Complied with
<b>Acquisition and breeding of animals:</b>				
12.	9.1,9.3	Mates for Hoolock gibbon male, rhino male, leopard cat male, jungle cat	Six month	Trying continuously to



	<b>&amp; 9.4</b>	female and giraffe female should be procured.		get from other zoos. Jungle Cat pair has been procured from Indra Gandhi Zoological Park, Vishakhapatnam
<b>13.</b>	<b>9.6 b &amp; d</b>	Conservation breeding for swamp deer should be started in a planned manner as the CZA has allocated this responsibility to the Lucknow Zoo.	Six month	Work in progress
<b>14.</b>	<b>9.8</b>	Efforts should be made to fix identification mark in all endangered species.	One year	Partly complied Work in progress
<b>15.</b>	<b>9.9</b>	Excess population of hog deer, black buck and swamp deer should be reduced to the extent of requirement of exhibits and enclosure carrying capacity.	One year	Work in progress
<b>Education and outreach activities:</b>				
<b>16.</b>	<b>11.1</b>	To enhance the educational and interpretive values of the nocturnal animal house a visitor holding area cum interpretation hall requires to be created.	One year	Work in progress
<b>Visitor facilities:</b>				
<b>17</b>	<b>12.1</b>	Ramp should be provided for physically challenged visitor to see the animal.	One year	Partly complied Work in progress

**28- List of free living wild animals within the zoo premises**

- Common Squirrel
- Porcupine
- Civet Cat
- Indian Peafowl
- Painted Stork
- Common horn bill
- House Sparrow
- Mongoose
- White Ibis

- Large Indian Parakeet
- Spotted Dove
- Barn Owl
- Great Horn owl
- Eagle Owl
- Mottled Wood Owl
- Owlet Jungle
- Common Myna
- Bulbul
- Red Vented Bulbul
- Cattle Egret
- Little Egret
- Shikra
- Red Wattled Lapwing
- Green Pigeon
- Kuku
- House Swift
- Kingfisher
- Bee Eater
- Common Hoppoe
- Indian Roller
- Wood Paiker
- Common Oriole
- Jungli Myna
- House Crow
- Red Whiskered Bulbul
- Jungle Babbler
- Asian paradise
- Fly Cather
- Tellour Bird
- Indian Robin
- White Wagtail
- Purple Sun Bird
- Red Avadavat
- Black Headed Munia
- Black Drango
- Barbet