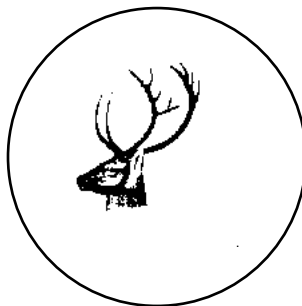


Nawab Wajid Ali Shah
Zoological Garden, Lucknow

Annual Report for the year
2018-19



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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 and more than 74 species of Butterflies in Butterfly garden. This campus is lush green arboretum having more than 5000 trees of 100 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 98th 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 01 Tiger and 09 Leopards out of which 05 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, surgical 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 17th 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 to import 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-

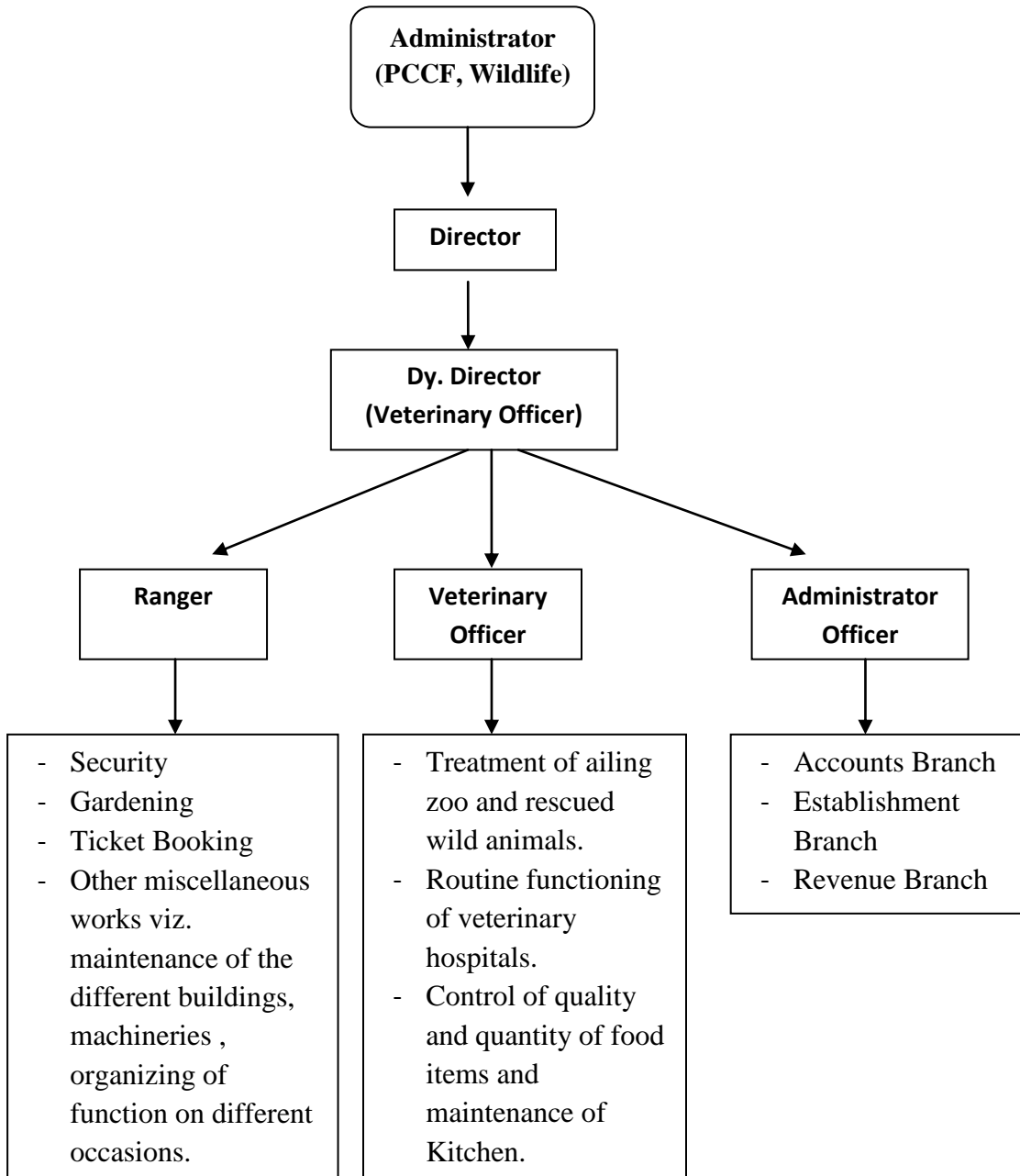
1. Infotainment of visitors.
2. Conservation and breeding of rare and endangered animal.
3. Scientific studies and research on animals.
4. Rescuing the wild animals and keeping them temporarily in Zoo.
5. Imparting awareness and education to visitors and school children regarding wild animals, environment and nature conservation.

6- About Us-

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Nawab Wajid Ali Shah Zoological Garden, Lucknow
2	Year of Establishment	1921
3	Address of the Zoo	Nawab Wajid Ali Shah Zoological Garden, Lucknow, Hazratganj- 226001
4	State	Uttar Pradesh
5	Telephone Number	0522-2239588
6	Fax Number	-
7	E-mail address	lucknowzoo@gmail.com
8	Website	Lucknowzoo.com
9	Distance from nearest	Airport: 15 k.m.
		Railway Station: 5 k.m.
		Bus Stand: 5 k.m.
10	Recognition Valid upto (Date)	20.01.2019
11	Category of zoo	Large Zoo
12	Area (in Hectares)	29 hectare
13	Number of Visitors (Financial Year)	Adult: 13,61,237
		Children: 2,23,468
		Total Indian: 15,84,705
		Total Foreigners: NIL
		Total Visitors: 15,84,705
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> • Canteen & Food court • Parking Facilities • Pram for small children. • Wheel chair for handicapped. • Children Park & Latest Swings. • Locker Facility at main gate. • RO/UV water filter and coolers all around campus. • Visitor sheds/ Benches at various locations. • Guide Map • Souvenir shop • Online Ticket Facility: through our website www.lucknowzoo.com, with 10% discount. • Toilets at convenient locations

S.No.	Particulars	Information
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Mr. R.K. Singh
	Name of the Veterinary Officer	Dr. Utkarsh Shukla
	Name of the Curator	Dr. Utkarsh Shukla
	Name of the Biologist	-
	Name of the Education Officer	Abhishek Dubey
	Name of the Compounder/ Lab Assistant	-
Owner / Operator of the Zoo		
17	*Name of the Operator	Mr. R.K. Singh
18	Address of the Operator	Director Nawab Wajid Ali Shah Zoological Garden, Narhi Hazratganj, Lucknow
19	Contact details/Phone number of Operator	0522-2239588/ 8005493601
20	E-mail address of Operator	lucknowzoo@gmail.com

7- Organizational Chart



8- Human Resource

Manpower of The Zoo 2018-19			
S.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Director	1	Rajendra Kumar Singh
2	Dy. Director	1	Dr. Utkarsh Shukla
3	Veterinary Doctor	2	Dr. Utkarsh Shukla, Dr. Ashok Kashyap, Dr. Brijendra Mani Yadav
4	Rang Forest Officer	1	Sanjeev Kumar Johri
5	Curator (Aquarium)	1	Nil
6	Garden Supervisor	1	Nil
7	Administrator Officer	1	Ram Charan
8	Sr. Assistant /Account	1	Ram Charan
9	Jr. Assistant/ Asst. Account	1	Shivraj Singh
10	Jr. Assistant	1	Nil
11	Security Incharge	1	Nil
12	Black Smith- cum-welder	1	Ram Kripal
13	Head Booking Clerk	1	Prasiddh Narayan Misra
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	Mohd. Anis
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 Lautan
22	Mali	18	1) Kishori Lal 2)Gaya Prasad 3) Ram Sanehi 4) Raghuwar Prasad 5) Satish Kumar 6) Uday Prakash 7) Mahesh Kumar Verma 8) Deepak Gupta 9) Mata Prasad 10)Mahesh Chandra 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 Sewak
27	Chowkidar	20	1) Rajkumar-I 2) Mohd. Anis 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 Mishra 20) Seema
28	Fisher- Man	2	1) Ramjeet Yadav 2) Shayamacharan
29	Conductor-Guard(BalTrain)	1	Naseer Ahmad
30	Coolie	3	1) Deepak Chand 2) Rakesh 3) Raj Kumari
31	Bhishti	1	Mohan Ram
32	Temp. Mali	1	Pappu
	Total	93	

9- Capacity Building of zoo personnel

S.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	R. K.Singh, Director	Forest Tribal Interface	One Week	ATI Kolkata
		Assam Zoo and Nagaland Zoo	3 Days	Aim to visit different zoo for exchange of animals
		Kanpur Zoo	One day	Aim to visit zoo was to enrich the Lucknow Zoo
2	Dr. Utkarsh Shukla, Dy. Director	Delhi Zoo	Two days	Veterinarian Conference
		Kanpur Zoo	One day	Aim to visit zoo was to enrich the Lucknow Zoo
3	08 Keepers	Kanpur Zoo	One day	Exposure visit

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 - 29-01-2019

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 उ०प्र०	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 आई०वी०आर०आई० बरेली	सदस्य
9–	वन्य जीव चिकित्सक (उपनिदेशक) प्राणि उद्यान लखनऊ।	सदस्य
10–	वन्य जीव चिकित्सक प्राणि उद्यान कानपुर।	सदस्य
11–	डा० आर०पी० पाण्डेयए निदेशक क्लीनिक, वेटेनरी कालेज, दुवासु मथुरा।	सदस्य
12–	निदेशक, इटावा सफारी पार्क, इटावा।	सदस्य

c. Dates on which Meetings held during the year- 25-09-2018 in a Year

12- Statement of income and expenditure of the Zoo

नवाब वाजिद अली शाह प्राणि उद्यान, लखनऊ में वित्तीय वर्ष 2018-19 के आय का विवरण

क्र०सं०	मदवार आय	धनराशि
	दिनांक 01.04.2018 को प्रारम्भिक अवशेष	9175393.44
1	प्रवेश टिकट से प्राप्त आय	72623170
2	ई-टिकटिंग से प्राप्त आय	593356.91
3	शैक्षिक छात्र	3095721
4	बालरेल से आय	5132605
5	प्रातः भ्रमण पास	189400
6	वीडियों कैमरा	22950
7	बैट्री आपरेटेड से आय	51885
8	तितली पार्क से आय	431760
9	प्रकृति शिक्षण केन्द्र से आय	27376
10	बैग से आय	44440
11	क्लाक रूम	43280
12	बोतल रिफ़र्ड से आय	18660
13	जुर्माना से आय	2500
14	अंगीकरण से प्राप्त आय	335080
15	ओपेनएयर रेस्टोरेंट	1005100
16	पराग बूथ	90206
17	पैडल बोट	505000
18	पानी की टंकी	24750
19	आईसक्रीम ट्राली	772500
20	आईसक्रीम विक्रय स्टॉल	389830
21	पेप्सी कोला रेस्टोरेन्ट	235500
22	फूड कोर्ट के ठेके से आय	1118694
23	वाहन पार्किंग के ठेके से आय	567334
24	सोविनियर शाप ठेके से आय	133982
25	बैट्री वाहन ठेके से आय	676125
26	स्वीटकान/पॉपकान ठेके प्राप्त आय	401000
27	3डी0 हाल के ठेके से प्राप्त आय	863000
28	3डी0 हाल में मजदूरों का पारिश्रमिक	101994
29	वाटर चार्ज	9730
30	टेण्डर फार्म	72436
31	रायल्टी से प्राप्त	124699
32	नीलामी से प्राप्त आय	1196690
33	अन्य आय	50346
34	ब्याज से प्राप्त आय	772195
35	जी0एस0टी0 से प्राप्त आय	957637
36	अनुदान से प्राप्त आय	60000000
37	वर्ष 2017-18 में बनवाई गई एफ.डी. भुनाने के बाद प्राप्त धनराशि	8000000
	कुल आय रू०	169,856,325.35

नवाब वाजिद अली शाह प्राणि उद्यान, लखनऊ में वित्तीय वर्ष 2018-19 के व्यय का विवरण

क्र०सं०	मदवार व्यय	धनराशि
1	वेतन/एरियर/बोनस/नकदीकरण	35898213
2	पेशन/ग्रेच्युटी/राशिकरण	15813178
3	पेंशनरी एवं अवकाश वेतन अंशदान	1180882
4	दैनिक श्रमिक	12636104
5	औषधि/अस्पताल	909438
6	किराया/उपशुल्क/कर	77519
7	कार्यालय व्यय/डाक/वर्दी	1290973
8	टेलीफोन/मोबाईल बिल	291325
9	मोटर गाड़ी अनुरक्षण	1184022.3
10	नक्शे/किताबें/छपाई	280823
11	फल सब्जी	7075895
12	मछली क्रय	3698076
13	राशन/दाना अनाज	6279160
14	मांस क्रय	12332643
15	स्नेक फूड	1561649
16	हरा चारा	1706756
17	गन्ना/दूध/अन्य	115476
18	मशीन साज-सज्जा	1649959
19	भवन अनुरक्षण	5051654
20	वन्य जीव के बाड़े	5857554
21	बाउन्ड्रीवाल का निर्माण	1241037
22	विद्युत व्यय	7192932
23	अन्य प्रकीर्ण व्यय(प्रचार-प्रसार/फोटो)	2618703
24	वन्य प्राणि सप्ताह (प्रचार-प्रसार)	2731710
25	यात्रा व्यय	158364
26	बालरेल पर व्यय	1142602
27	बैट्री आपरेटेड पर व्यय	150980
28	मछलीघर पर व्यय	498603
29	साँपघर पर व्यय	744227
30	उद्यान पर व्यय	1420566
31	बैंक चार्ज	25284
32	अन्य व्यय	65907
33	पारितोषिक	63990
34	विनियोजन	8000000
35	टी०डी०एस०	1155906
36	जी०एस०टी० की धनराशि	960036
37	जी०एस०टी० टी०डी०एस०	22982
38	विविध व्यय	160227.70
	योग:-	143,245,356.00
	वर्ष के अन्त में अवशेष	26610969.35
		169,856,325.35

13- Daily feed Schedule of animals

S.N.	Animal	Type and Quantity of Feed (Approx)
CARNIVORES		
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 piece Milk- 1 lt. Concentrate (Rice and barley flour) – 0.500 kg. Seasonal fruit & vegetables- 3.750 kg.
8.	Sloth bear	Egg- 1 piece 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. or 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.
HERBIVORES		
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.
RODENTS		
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.
PRIMATES		
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.
Birds		
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.
Reptiles		
1.	Indian Python	4 rabbits in 1 month (Till 8 month), not in winter season.
2.	Viper	1 to 2 rat- on every 10 th day (Not in winter season)
3.	Indian Cobra	1 to 2 rat- on every 10 th day (Not in winter season)
4.	Rat Snake	1 to 2 rat- on every 10 th day (Not in winter season)
5.	Sand Boa	1 to 2 rat- on every 10 th day (Not in winter season)
6.	Earth Snake or Sand Snake	1 to 2 rat- on every 10 th day (Not in winter season)
7.	Water Snake	1 to 2 rat- on every 10 th 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	Feline	1.Feline Panleukopenia, 2.Herpeseviral (Rhinotracheitis) 3.Calciviral 4.Rabies	Biofel PCHR 1 ml, subcutaneously	Annual	
2	Feline	Canine Distemper CD	1 ml s/c	Annual	3 Booster
3	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 / pyrantel pamoate	Once in every 3 month
2-	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
	Deer line				
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	
	Tiger house				
7.	Tiger, Sloth bear,	Daily	Monthly	Daily	Monthly

	Himalayan black bear				
8.	Rosy pelican, Sambar deer	Daily	Monthly	--	Monthly
	Lion House				
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	--
	Bird Section				
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	--
	Deer Safari				
16.	Spotted deer, Swamp deer	Daily	Monthly	Weakly	Monthly
17.	Giraffe	Daily	Monthly	Daily	--
18.	Ostrich	Daily	Monthly	Daily	--
19.	Emu	Daily	Monthly	Weakly	--
	New Bird Section				
20.	All macaw	Daily	Monthly	Daily	
21.	All Pheasantry	Daily	Monthly	Daily	
	Deer park				
22.	Wolf	Daily	Monthly	Daily	--
23.	Jangle cat	Daily	Monthly	Daily	--
24.	Butter fly park	Daily	Monthly	--	--
	Hospital				
25.	Isolation ward	Daily	Monthly	Daily	
26.	All hospital enclure	Daily	Monthly	Daily	
	Nocturnal house				
27.	All nocturnal animal enclosure	Daily	Weakly	Daily	
28.	Chinkara deer	Daily	Weakly	Daily	
	Aquarium				
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	Veterinary 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.
- Keepers Talk
- Spot Photo Exhibition/ Mobiwalk
- 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.
- Braille educational boards for visually impaired persons.
- Quiz, essay, painting, photography, nukkad- natak, slogan writing, debate etc, held during Wild Life Week.

20- Important Events and happenings in the Zoo

- Inaguration of Butterfly Park by Hon'ble Forest Minister of Uttar Pradesh -2018



- Workshop on Man Animal Conflict -2018



- World Environment Day-2018



- Swachh Bharat Abhiyan- 2018



- Wild Life Week- 2018



- All India Zoo Conference- 2018



- 25th December Celebration- 2018



21- Seasonal special arrangements for upkeep of animals

- **In Winter:**
 - Heaters
 - Curtains to prevent animals from direct cold.
 - Wooden Beds for Feline, Canines & Primates.
 - Addition of oily Seeds like peanuts, boiled eggs and other seasonal foods.
 - Mustard cake for herbivores.
 - Bedding of paddy straw inside enclosure.
 - Vitamins, minerals and salt lick.
- **In Summer:**
 - Water Sprinklers
 - Foggers for Aviaries.
 - Coolers for room animals like Lion, Tiger, Chimpanzee etc.
 - Ceiling Fans.
 - Running water availability for Aquatic animals.
 - Circulating water for crocodiles, turtles, gharials and for water birds.
- **In Rainy:**
 - Roof cover for open cages of birds, monkey etc
 - To insure the proper drainage from each enclosure
 - Cleaning of grasses and weeds from enclosures.

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 2018-19

A.	Animals acquisition in the Zoo				
	H.NO.	Species	Number (M:F:U)	From which Zoo	Date of arrival in the zoo
	1.	Tigress	0:1:0	Received from Kheeri, Dudhwa Forest div.	14-04-2018
	2.	Panther	0:1:0	Received from Sohagi Barwa Forest div. (Age on arrival about 10 years)	01-05-2018
	3.	Spotted pond turtle	4:6:0	Name changed and other new turtle identified	05-07-2018
	4.	Flap shell turtle	1:1:0	Received from local area	05-07-2018
	5.	Panther Cub	0:0:1	Received from Moradabad Forest (Thakurdwara range) div. (age about 1.5 to 2 months)	17-02-2019
	6.	Panther Cub	0:1:0	Received from Katarniaghat Forest div.	13-02-2019

				(Kakarha range) (age about 1 months)	
	7.	Panther Cub	0:0:1	Received from Shravasti Forest Div. (Age about 3 months)	20-03-2019
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F:U)	Going to which Zoo	Date of deposition from the zoo
	1.	Panther	1:0:0	Sent to Etawah Lion Safari	25-04-2018
	2.	Panther	0:1:0	Sent to Etawah Lion Safari	25-04-2018
	3.	Panther	1:0:0	Sent to Etawah Lion Safari	25-04-2018
	4.	Palm Civet Cat	1:0:0	Released in Wild	04-06-2018
	5.	Indian Peacock	0:1:0	Released in Wild	06-02-2019
	6.	Indian Cobra	0:0:2	Released in Wild	02-03-2019
	7.	Rat snake	0:0:4	Released in Wild	02-03-2019
	8.	Earth Snake or Sand Snake	0:0:1	Released in Wild	02-03-2019
	9.	Water snake	0:0:3	Released in Gomti river	02-03-2019

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.	14-04-2018	Tigress (0:1:0:0)	Received from Kheeri, Dudhwa Forest div.	--	--	Yes
2.	01-05-2018	Panther (0:1:0:0)	Received from Sohagi Barwa Forest div.	--	--	Yes
3.	01-09-2018	Indian Python (0:0:2:0)	Rescued from Zoo	--	--	Yes
4.	01-09-2018	Indian Cobra (0:0:4:0)	Rescued from Zoo	--	--	Yes
5.	05-09-2018	Viper (0:0:4:0)	Rescued from Zoo	-	--	Yes
6.	05-09-2018	Rat Snake (0:0:2:0)	Rescued from Zoo	--	--	Yes

26- Annual Inventory of animals

Endangered Species

S.n o.	Species of Mammals	Scientific Name	Opening Stock as on 31 March, 2018				Birth	Acquisition	Disposal	Death	Closing Stock as on 31 March, 2019			
			M	F	U	T					M:F:U	M:F:U	M:F:U	M:F:U
CARNIVORES														
1	Bengal Tiger	<i>Panthera tigris tigris</i>	4	3	0	7		0,1,0		1,0,0	3	4	0	7
2	White Tiger	<i>Panthera tigris tigris</i>	2	1	0	3					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>	8	6	0	14		0,2,2	2,1,0	0,1,0	6	5	3	14
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	0,0,4				3	3	2	8
7	Himalayan black bear	<i>Ursus thibetanus</i>	1	2	0	3					1	2	0	3
8	Sloth bear	<i>Melursus ursinus</i>	2	1	0	3					2	1	0	3
9	Fishing Cat	<i>Prionailurus viverrinus</i>	1	2	0	3					1	2	0	3
10	Caracal	<i>Caracal caracal</i>	0	3	0	3				0,2,0	0	1	0	1
11	Palm Civet Cat	<i>Paradoxurus hermaphroditus</i>	1	1	0	2			1,0,0	0,1,0	0	0	0	0
HERBIVORES														
12	Black buck	<i>Antelope cervicapra</i>	12	17	15	44	0,0,14			1,0,0	21	26	10	57
13	Black buck (Albino)	<i>Antelope cervicapra</i>	2	2	0	4	0,0,2			2,0,0	1	2	1	4
14	Swamp deer	<i>Cervus duvauceli</i>	15	40	22	77	0,0,11				28	49	11	88
15	Chinkara	<i>Gazella bennettii</i>	1	0	0	1					1	0	0	1
PRIMATES														
16	Hoolock Gibbon	<i>Hoolock hoolock</i>	1	0	0	1					1	0	0	1
17	Macaque Bonnet	<i>Macaca radiata</i>	4	3	0	7					4	3	0	7
18	Macaque Stump tailed	<i>Macaca arctoides</i>	0	1	0	1					0	1	0	1
19	Common Langur	<i>Semnopithecus entellus</i>	3	2	0	5	0,0,1				3	2	1	6
20	Lion tailed Monkey	<i>Macaca silenus</i>	1	1	0	2					1	1	0	2
RODENTS														
21	Indian Giant Squirrel	<i>Ratufa indica</i>	3	3	0	6				3,1,0	0	2	0	2
Total -			65	92	40	197					81	108	29	218
Species of Birds														
S.n o.	Species of Birds	Scientific Name	Opening Stock as on 31 March, 2018				Birth	Acquisition	Disposal	Death	Closing Stock as on 31 March, 2019			
1	Kalij pheasant	<i>Lophura leucomelanos</i>	2	1	0	3				1,0,0	1	1	0	2
2	Indian Peacock	<i>Pavo cristatus</i>	0	1	0	1			0,1,0		0	0	0	0
3	White peacock	<i>Pavo cristatus</i>	3	3	0	6	0,0,2			1,0,0	2	3	2	7
4	Hill Myna	<i>Gracula religiosa</i>	6	5	0	11				0,1,0	6	4	0	10
5	Griffon Vulture	<i>Gyps fulvus</i>	0	0	1	1				1,0,0	0	0	0	0
6	Egyptian Vulture	<i>Neophron percnopterus</i>	0	0	1	1				1,0,0	0	0	0	0
7	Great hornbill	<i>Buceros bicornis</i>	0	0	4	4				1,0,0	0	0	3	3
8	Spoon bill	<i>Platalea leucorodia</i>	1	0	0	1					1	0	0	1
Total -			12	10	6	28					10	8	5	23
Species of Reptiles														
S.n o.	Species of Reptiles	Scientific Name	Opening Stock as on 31 March, 2018				Birth	Acquisition	Disposal	Death	Closing Stock as on 31 March, 2019			
1	Crocodile Marsh (Mugger)	<i>Crocodylus palustris</i>	1	1	7	9				3,1,0	1	1	3	5
2	Ghariyal	<i>Gavialis gangeticus</i>	3	13	0	16					5	5	6	16
3	Indian Python	<i>Python molurus</i>	15	9	0	24		0,0,2		0,1,0	15	8	2	25
4	Indian Cobra	<i>Naja naja</i>	0	0	2	2		0,0,4	0,0,2		0	0	4	4
5	Viper	<i>Vipera russellii</i>	0	0	2	2		0,0,4			0	0	6	6

6	Rat Snake	<i>Ptyas mucosus</i>	1	0	3	4		0,0,2	0,0,4	1,0,0	1	0	0	1
-	Total -		20	23	14	57					22	14	21	57
-	Total Animals-		97	125	60	282					113	130	55	298

Other than Endangered Species

S.no	Species of Mammals	Scientific Name	Opening Stock as on 31 March, 2018				Birth	Acquisition	Disposal	Death	Closing Stock as on 31 March, 2019			
			M	F	U	T					M:F:U	M	F	U
	CARNIVORES													
1	Hybrid Lion	<i>Panthera leo</i>	1	5	0	6					1	5	0	6
2	Jungle Cat	<i>Felis chaus</i>	2	2	0	4					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
	HERBIVORES													
5	Giraffe	<i>Giraffa camelopardalis</i>	0	1	0	1					0	1	0	1
6	Hippopotamus	<i>Hippopotamus amphibius</i>	2	2	1	5			1,1,0		1	1	1	3
7	Hog deer	<i>Axis porcinus</i>	7	21	0	28	0,0,6			0,2,0	7	19	6	32
8	Spotted deer	<i>Axis axis</i>	48	58	18	124	0,0,10			2,1,0	55	66	10	131
9	Sambar deer	<i>Cervus unicolor</i>	2	3	0	5	0,0,1			1,0,0	1	3	1	5
10	Barking deer	<i>Muntiacus muntjak</i>	6	9	5	20	0,0,6				6	14	6	26
	RODENTS													
11	Flying Squirrel	<i>Pteromyini</i>	0	1	0	1					0	1	0	1
12	Indian Porcupine	<i>Hystrix indica</i>	4	2	3	9					4	2	3	9
	PRIMATES													
13	Chimpanzee	<i>Pan troglodytes</i>	1	1	0	2					1	1	0	2
	Total-		75	106	27	208					80	116	27	223
S.no	Species of Birds	Scientific Name	Opening Stock as on 31 March, 2018				Birth	Acquisition	Disposal	Death	Closing Stock as on 31 March, 2019			
			M	F	U	T					M:F:U	M	F	U
1	Barheaded Goose	<i>Anser indicus</i>	0	0	1	1					0	0	1	1
2	White Stork	<i>Ciconia ciconia</i>	0	1	2	3					0	1	2	3
3	Painted Stork	<i>Mycteria leucocephala</i>	6	6	22	34					6	6	22	34
4	White Necked Stork	<i>Ciconia episcopus</i>	1	0	0	1					1	0	0	1
5	Black Necked Stork	<i>Ephippiorhynchus asiaticus</i>	3	2	0	5					3	2	0	5
6	White Ibis	<i>Threskiornis melanocephalus</i>	1	1	8	10	0,0,6				5	5	6	16
7	Common Crane	<i>Grus grus</i>	0	0	1	1					0	0	1	1
8	Demoiselle Crane	<i>Anthropoides virgo</i>	0	0	1	1					0	0	1	1
9	Sarus Crane	<i>Grus antigone</i>	2	2	5	9	0,0,1				4	4	2	10
10	Cockatiel	<i>Nymphicus hollandicus</i>	20	20	85	125					20	20	85	125
11	Sleety parakeet		1	1	0	2					1	1	0	2
12	Rose ring Parakeet	<i>Psittacula krameri</i>	4	6	0	10				1,0,0	3	6	0	9
13	Large Indian Parakeet	<i>Psittacula eupatria</i>	3	2	0	5					3	2	0	5
14	Indian Red Brested Parakeet	<i>Psittacula alexandri</i>	0	0	10	10	0,0,4				5	5	4	14
15	Blossom headed parakeet	<i>Psittacula roseata</i>	0	0	7	7					3	4	0	7
16	Grey Parakeet	<i>Psittacus erithacus</i>	1	1	2	4					1	1	2	4
17	Yellow Parakeet (Albino)		0	1	7	8	0,0,1			1,0,0	0	1	7	8
18	Military Parakeet	<i>Ara militaris</i>	0	1	0	1					0	1	0	1
19	Grey White Parakeet		0	0	1	1					0	0	1	1

20	Red-rumped Parakeet	<i>Psephotus haematonotus</i>	0	0	4	4			1,0,0	0	0	3	3	
21	Rosella	<i>Platycercus elegans</i>	0	1	1	2				1	1	0	2	
22	Blue Yellow Macaw	<i>Ara ararauna</i>	3	3	2	8	0,0,4			3	3	6	12	
23	Brahminy duck	<i>Tadorna ferruginea</i>	0	1	0	1				0	1	0	1	
24	Red Jungle fowl	<i>Gallus gallus</i>	7	12	7	26	0,0,10			7	12	17	36	
25	Golden pheasant	<i>Chrysolophus pictus</i>	0	5	5	10	2,1,0		1,0,0	5	7	0	12	
26	Silver pheasant	<i>Lophura nycthemera</i>	4	3	0	7	3,2,0		0,1,0	7	4	0	11	
27	Lady Amherst pheasant	<i>Chrysolophus amherstiae</i>	7	2	0	9				7	2	0	9	
28	Reeves's pheasant	<i>Syrnaticus reevesii</i>	1	0	0	1				1	0	0	1	
29	Cheer Pheasant	<i>Catreus wallichii</i>	0	2	0	2				0	2	0	2	
30	Grey partridge	<i>Francolinus pondicerianus</i>	3	3	0	6			0,1,0	3	2	0	5	
31	Ostrich	<i>Struthio camelus</i>	2	2	0	4				2	2	0	4	
32	Emu	<i>Dromaius novaehollandiae</i>	2	2	4	8				2	2	4	8	
33	Rosy pelican	<i>Pelecanus onocrotalus</i>	2	2	24	28			0,1,0	2	2	23	27	
34	White dove	<i>Columbiformes</i>	10	20	12	42				10	20	12	42	
35	Spotted Dove		0	0	1	1				0	0	1	1	
36	Grey leg goose	<i>Anser anser</i>	0	0	2	2			1,0,0	0	0	1	1	
37	Barn Owl	<i>Tyto alba</i>	2	1	4	7				2	1	4	7	
38	Great Horn owl	<i>Bubo virginianus</i>	1	1	0	2				1	1	0	2	
39	Eagle Owl	<i>Bubo</i>	2	1	1	4				2	1	1	4	
40	Mottled Wood Owl	<i>Strix ocellata</i>	1	1	0	2				1	1	0	2	
41	Owlet Jungle	<i>Glaucidium radiatum</i>	4	2	0	6				4	2	0	6	
42	Love Bird	<i>Agapornis</i>	10	6	0	16				10	6	0	16	
43	Black Swan	<i>Cygnus atratus</i>	1	0	0	1				1	0	0	1	
44	Knob duck	<i>Sarkidiornis</i>	1	1	0	2				1	1	0	2	
45	Budgeriger	<i>Melopsittacus</i>	15	30	0	45				15	30	0	45	
	Total-		120	145	219	484				142	162	206	510	
S.no	Species of Reptiles	Scientific Name	Opening Stock as on 31 March, 2018				Birth	Acquisition	Disposal	Death	Closing Stock as on 31 March, 2019			
1	Red Sand Boa	<i>Eryx johnii</i>	2	2	6	10				2	2	6	10	
2	Earth Snake or Sand Snake	<i>Psammoplis leithi</i>	3	2	3	8			0,0,1	3	2	2	7	
3	Water Snake	<i>Nerodia sipedon</i>	0	0	3	3			0,0,3	0	0	0	0	
4	Spotted pond turtle	<i>Geoclemys hamiltonii</i>	1	1	15	17		4,6,0		12	15	0	27	
5	Flap shell turtle (Sundari)	<i>Lissemys punctata andersoni</i>	0	0	0	0		1,1,0		1	1	0	2	
	Total-		6	5	27	38				18	20	8	46	
	Total Animals-		201	256	273	730				240	298	241	779	

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.	Palm Civet Cat	<i>Paradoxurus hermaphroditus</i>	F	02/06/2018	Uremia associated with Retention of urine.
2.	Indian Giant Squirrel	<i>Ratufa indica</i>	M	03/06/2018	Senility.
3.	Tiger (Sisir)	<i>Panthera tigris tigris</i>	M	18/07/2018	Senility
4.	Indian Giant Squirrel	<i>Ratufa indica</i>	M	28/08/2018	Senility
5.	Black buck	<i>Antilope cervicapra</i>	M	04/09/2018	Traumatic shock
6.	Indian Giant Squirrel	<i>Ratufa indica</i>	F	22/09/2018	Liver cirrhosis.
7.	Black buck (Albino)	<i>Antilope cervicapra</i>	M	27/10/2018	Acute bronchopneumonia.
8.	Caracal	<i>Caracal caracal</i>	F	02/11/2018	internal hemorrhagic shock
9.	Indian Giant Squirrel	<i>Ratufa indica</i>	M	11/11/2018	Septicemia shock
10.	Black buck (Albino)	<i>Antilope cervicapra</i>	M	03/12/2018	Senility
11.	Caracal	<i>Caracal caracal</i>	F	14/12/2018	Cardiac arrest
12.	Panther (Sharda)	<i>Panthera pardus</i>	F	12/02/2019	Cardio-respiratory failure
Birds					
1.	Kalij pheasant	<i>Lophura leucomelanos</i>	1:0:0	05/04/2018	Traumatic shock
2.	Egyptian Vulture	<i>Neophron percnopterus</i>	1,0,0	04/05/2018	Cardio-respiratory failure
3.	White Peacock	<i>Pavo cristatu</i>	1:0:0	24/05/2018	Cardiac arrest associated with pericarditis
4.	Great hornbill	<i>Buceros bicornis</i>	M	11/07/2018	Could not be ascertained
5.	Griffon Vulture	<i>Gyps fulvus</i>	M	01/08/2018	Bronchopneumonia.
6.	Hill Myna	<i>Gracula religiosa</i>	F	17/12/2018	Chronic hepatitis
Reptiles					
1.	Crocodile	<i>Crocodylus palustris</i>	M	22/06/2018	Internal hemorrhagic shock
2.	Crocodile	<i>Crocodylus palustris</i>	M	20/07/2018	Traumatic injury
3.	Crocodile	<i>Crocodylus palustris</i>	F	03/08/2018	Traumatic injury
4.	Crocodile	<i>Crocodylus palustris</i>	M	09/09/2018	Traumatic injury
5.	Python	<i>Python molurus</i>	F	01/02/2019	Hepatitis
6.	Rat Snake	<i>Ptyas mucosus</i>	M	10/02/2019	Hemorrhagic enteritis
			24		

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

S.No.	Norm No.	Condition Stipulated	Time Period to Comply	
General Requirements:				
1	1.9	The domestic geese should be removed from the pelican enclosure.	With immediate effect	Complied with
Administrative and Staffing Pattern:				
2	2.2	The Zoo should have a full time veterinary officer.	Six months	Complied with
Animal housing, display of animals and animal enclosures:				
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 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.	Six months One years	Complied with 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.
Upkeep and healthcare of animals:				
9.	5.2(6)	Water sample should be got tested	Two months	Complied with

		periodically.		
10.	5.3(5)	The zoo should maintain keeper diary, daily report, studbook as per CZA Performa.	One months	Complied with
Veterinary and Breeding of animals:				
11.	6.1(b)	The veterinarian and technician must be sent for training in equipment use and data analysis.	One year	Complied with
Acquisition and breeding of animals:				
12.	9.1,9.3 & 9.4	Mates for Hoolock gibbon male, rhino male, leopard cat male, jungle cat female and giraffe female should be procured.	Six month	Trying continuously to get from other zoos. Jungle Cat pair has been procured from Indra Gandhi Zoological Park, Vishakhapatnam
13.	9.6 b & d	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
14.	9.8	Efforts should be made to fix identification mark in all endangered species.	One year	Partly complied Work in progress
15.	9.9	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
Education and outreach activities:				
16.	11.1	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
Visitor facilities:				
17	12.1	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 Hoopoe
- Indian Roller
- Wood Paiker
- Common Oriole
- Jungle 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