

कार्यालय वनमंडलाधिकारी, बिलासपुर वन मंडल बिलासपुर (छ.ग.)

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क्रमांक/५३५,

दिनांक ०५/०४/२०२०

प्रति,

मेम्बर सेक्रेटरी,
केन्द्रीय चिड़ियाघर प्राधिकरण,
बी - १ विंग, छठा तल, पंडित दीनदयाल,
अन्तोदय भवन, सीजीओ परिसर,
लोधी रोड़, नई दिल्ली - ११०००३,

विषय :- Submission of Annual Report by the zoos to the Central Zoo Authority for the financial year 2018-19 - regarding

उपरोक्त विषय में निवेदन है कि कानन पेण्डारी जूलॉजिकल गार्डन बिलासपुर की वर्ष 2018-2019 का वार्षिक प्रतिवेदन (Submission of Annual Report by the zoos) की जानकारी निर्धारित प्रपत्र में तैयार कर आवश्यक कार्यवाही हेतु सम्प्रेषित है।

प्रतिवेदन सूचनार्थ एवं आवश्यक कार्यवाही हेतु सादर सम्प्रेषित।

संलग्न :- पेज क्रं. ०१ से २२ तक।


वनमण्डलाधिकारी,
बिलासपुर वनमण्डल बिलासपुर (छ.ग.)

KANAN PENDARI ZOOLOGICAL GARDEN,
BILASPUR (C.G.)

Annual Report for the year
2018-2019



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1. Report of the Officer-in-charge :- Kanan Pendari Zoological Garden, Bilaspur regular growth in species collection and total no. of animal. Kanan Pendari Zoological Garden visitor no. regularly increasing and as a education center for public.

2. History of the Zoo :- Kanan Pendari Zoological Garden, Bilaspur is situated 9 KM from Bilaspur on Jabalpur – Bilaspur highway. The Bilaspur is the second largest city of the state. It is situated on the rain fed Arpa river which originates from the high hill of the Maikal rang of central India. In 1975, this area was being used as nursery for forest department. Later on it was converted into wild animal rescue centre wherein rescued animals like – deer, bear, jackal

etc. were kept. This centre started attracting people and was developed as a breeding centre for cheetal. In 1997, this centre was developed as small zoo with a facility of rescue centre.

Slowly, the centre started receiving a number of animals as rescued one, therefore the population of species increased. In 2002, Central Zoo Authority granted recognition to Kanan Pendari Zoological Garden, Bilaspur as mini zoo there after CZA recognized it as a small zoo in 2008.

State Forest Department, Chhattisgarh manages this zoological garden since its inception.

3. Vision :- The Zoo at Kanan Pendari, Bilaspur will provide rewarding experience to the visitors not about the local wildlife but also of India. The exhibits care and awareness will be of such level to promote conservation of wildlife. The Zoological Garden will endeavor to breed the endangered species in a planned manner for display, exchange and rehabilitation in the wild. This zoo will be a showcase of nature for the visitors.

4. Mission :- This Zoological Garden intends to complement the national efforts in conservation of wildlife through planned breeding of endangered species and to develop empathy among visitors for wild animals.

5. Objective:- A professionally run Zoological garden will serve a great variety of roles to benefit both the animals it houses and the visiting public. Carefully planned breeding programmes can help propagate endangered species and continue gene pools for species whose habitats have been obliterated. Educational programmes can help foster the respect that wild animals deserve and familiarize the visitors with the important role these animals play in the ecosystem. Large scale habitat destruction has resulted in the extinction of many species. Zoos may have to serve as the last bastion for threatened and endangered species.

The zoo shall work for the conservation of the rich bio-diversity of the state to the following objectives:

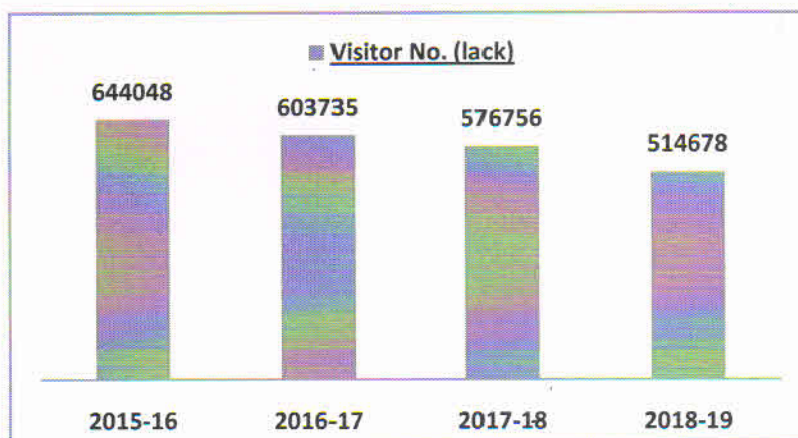
To create amongst the visitors empathy towards wild animals through appreciation and better understanding.

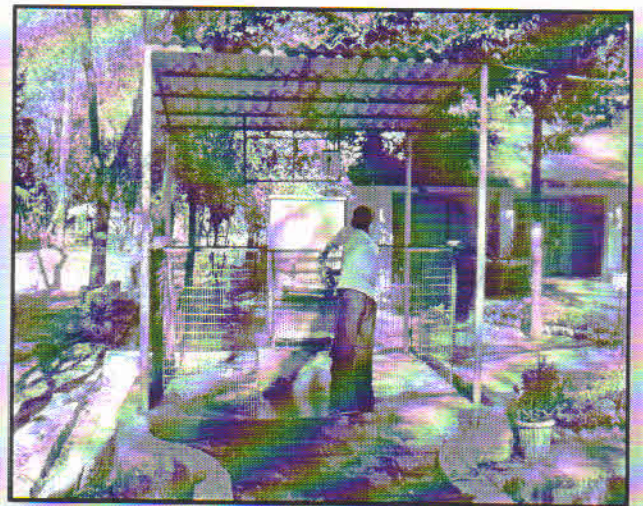
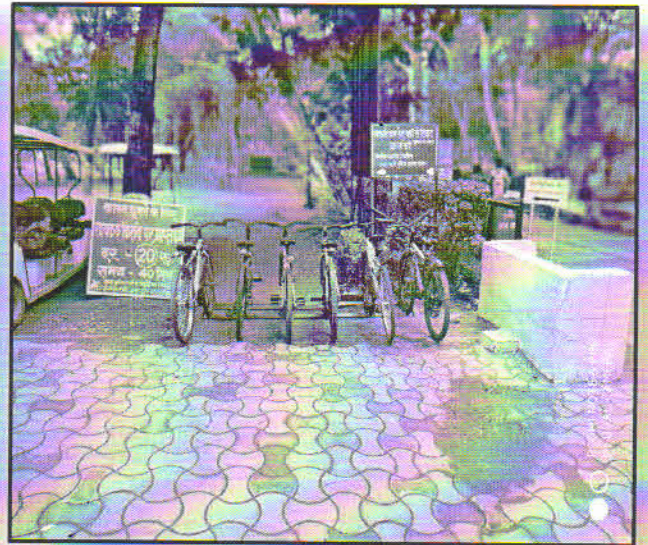
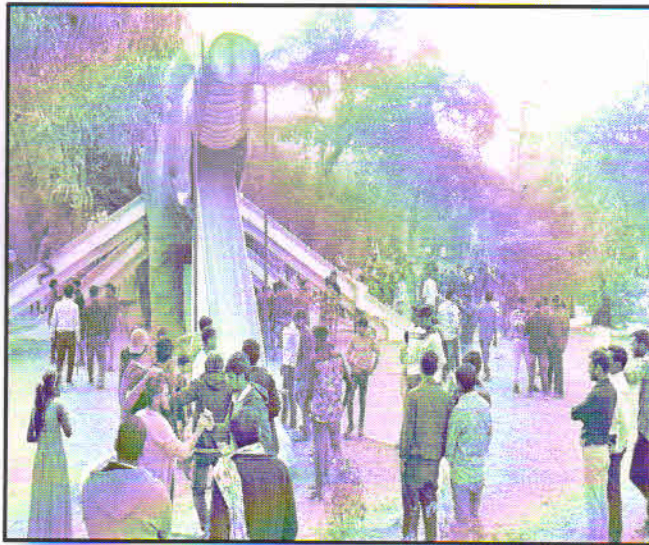
- (1) Conservation breeding of endangered species of wild animals, available within the bio-geographical range.
- (2) To provide housing and upkeep to rescued and orphan wild animals.
- (3) To assist in conservation of the in-situ population of various species of endangered animals and their habitat by sensitizing the people.
- (4) Recreation for the purpose of providing wholesome, healthy and educational activity to a large number of people by utilizing the outdoor natural setting without detriment to any of the preceding objectives.

6. About us :-

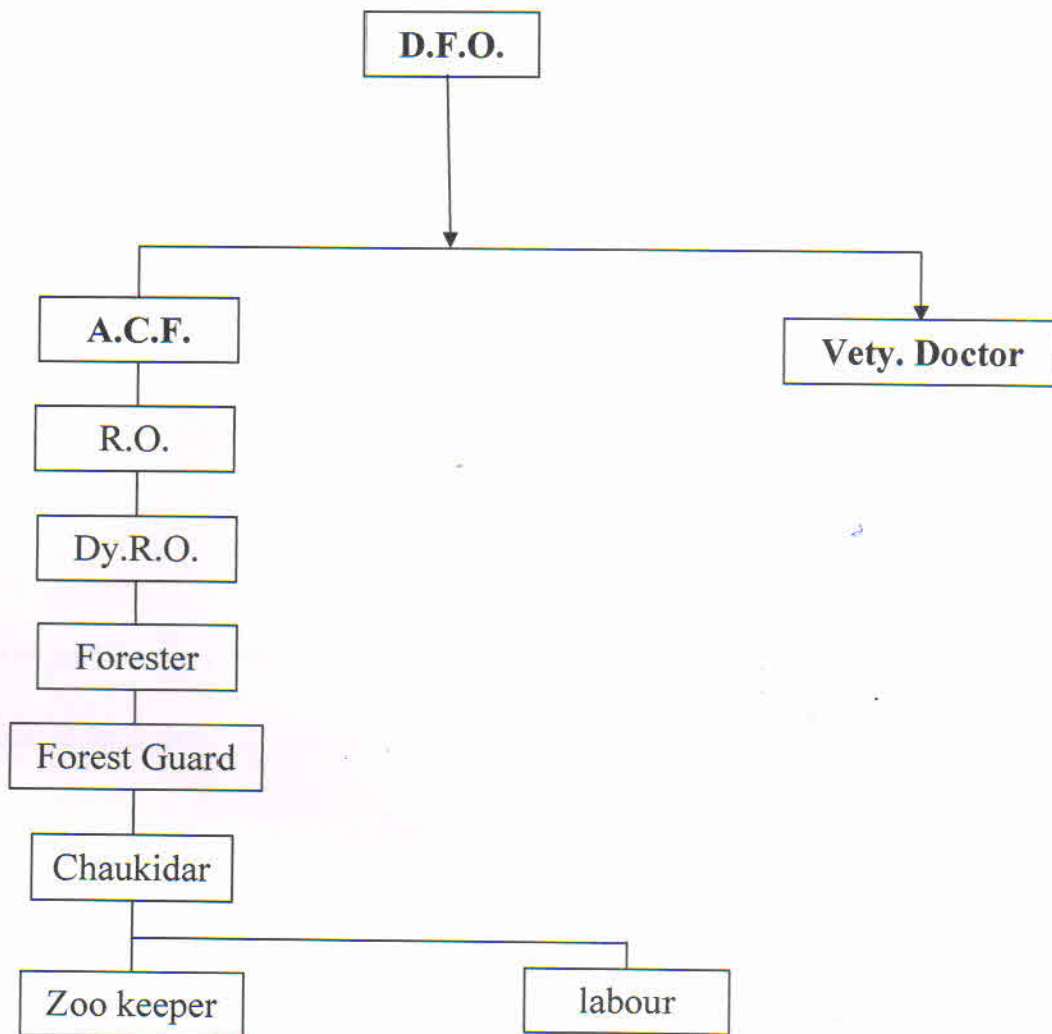
| S.No. | Particulars | Information |
|--|---|--|
| Basic Information about the zoo | | |
| 1 | Name of the Zoo | Kanan pendari zoological garden Bilaspur (C.G.) |
| 2 | Year of Establishment | 2004-2005 |
| 3 | Address of the Zoo | Kanan pendari zoological garden Sankri, Block Takhatpur Dist. Bilaspur (C.G.) Pin code 495003, |
| 4 | State | Chhattisgarh |
| 5 | Telephone Number | 07752-226082 |
| 6 | Fax Number | - |
| 7 | E-mail address | Dfo_bsp@gmail.com |
| 8 | Website | - |
| 9 | Distance from nearest | Airport : Swami Vivekanand, Airport Raipur - 145 km. Railway Station : Bilaspur – 12 km. Bus Stand : Bilaspur – 10 km. |
| 10 | Recognition Valid up to (Date) | Feb. 2019 |
| 11 | Category of zoo | Small Zoo |
| 12 | Area (in Hectares) | 114.636 Hactares |
| 13 | Number of Visitors (Financial Year 2018-19) | Adult : 384870 Children : 129790 Total Indian : 514660 Total Foreigners : 18 Total Visitors : 514678 |
| 14 | Visitors' Facilities Available in Zoo | Garden, Children Park, Keios, way to signages, Battery Safari Vehicals, Bycycles, Weel chairs for Handicapped, Drinking water, |
| 15 | Weekly Closure Day of the Zoo | Monday |

| Management Personnel of the zoo | | |
|---------------------------------|--|--|
| 16 | Name with designation of the Officer in-charge | Shri H.B. Khan, A.C.F. |
| | Name of the Veterinary Officer | Dr. Smita Prasad |
| | Name of the Curator | Nil |
| | Name of the Biologist | Nil |
| | Name of the Education Officer | Nil |
| | Name of the Compounder/ Lab Assistant | Nil |
| Owner/ Operator of the Zoo | | |
| 17 | Name of the Operator | Mr. Sundeeep Balga, I.F.S. D.F.O. |
| 18 | Address of the Operator | Divisional Forest Officer, Sindhi colony Bilaspur. (C.G.) |
| 19 | Contact details/Phone number of Operator | Divisional Forest Officer, Sindhi colony Bilaspur. (C.G.) Ph. No. 07752-226082 |
| 20 | E-mail address of Operator | dfo_bsp@rediffmail.com |





7. **Organizational Chart :-**



8. **Human Resources :-**

Manpower of the Zoo*

| S.No. | Designation | Number of Sanctioned Posts | Names of the incumbent |
|-------|---------------|----------------------------|------------------------|
| 1 | A.C.F. | 1 | 1 |
| 2 | R.O. | 1 | 1 |
| 3 | Vety. Officer | 0 | 1 |
| 4 | Dy. Ranger | 1 | 0 |
| 5 | Forester | 2 | 5 |
| 6 | Forest Guard | 4 | 4 |
| 7 | Chowkidar | 4 | 4 |
| 8 | Zoo keepers | 40 | 40 |
| 9 | Labour | 0 | 80 |

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 |
|-------|---|----------------------------|--------------------|---|
| NIL | | | | |

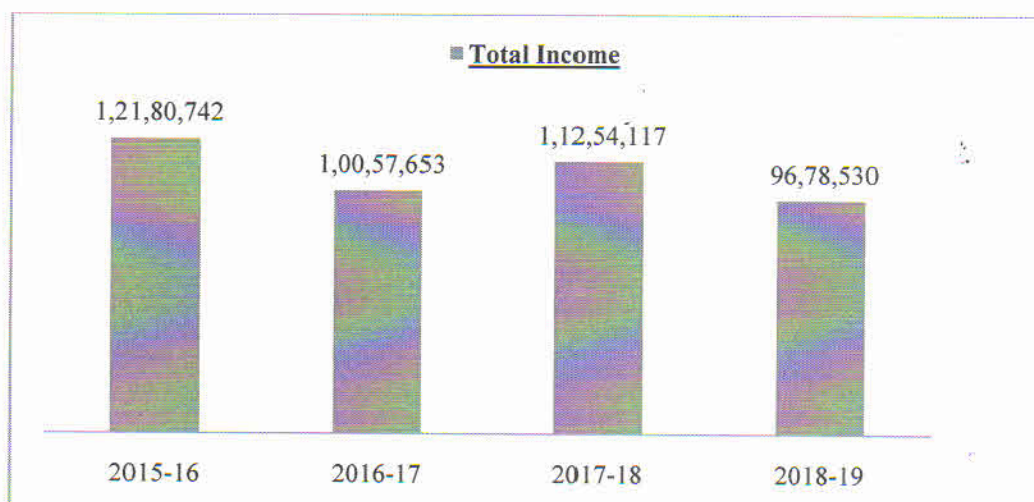
10. Zoo Advisory Committee :-
 a. Date of constitution. Nil
 b. Members. Nil
 c. Dates on which Meetings held during the year. Nil

11. Health Advisory committee :-
 a. Date of constitution. Nil
 b. Members. Nil
 c. Dates on which Meetings held during the year. Nil

12. Statement of income and expenditure of the Zoo

Annual income from all sources for the year 2018-2019

| Head | Income | Expenditure |
|-----------------|-------------------|--------------------|
| Regular head | 0 | 52638842.00 |
| Gate money | 9678530.00 | 10730000.00 |
| Total :- | 9678530.00 | 63368842.00 |



13. Daily Feed Schedule of animals

| S.No. | Species | Feed item | Quantity | | Day of fasting |
|-------|-----------------------|-------------------------------------|--------------------------------|--------------------------------|----------------|
| | | | Winter | Summer | |
| 1 | Antelope Four horned | Green Fodder & hays, Concerted feed | 2 kg., 2.50 gm., 500 gm, | 2 kg., 2.50 gm., 500 gm, | No |
| 2 | Barking Deer | Green Fodder & hays, Concerted feed | 2 kg., 2.50 gm., 500 gm, | 2 kg., 2.50 gm., 500 gm, | No |
| 3 | Black Buck | Green Fodder & hays, Concerted feed | 2 kg., 2.50 gm., 750 gm, | 2 kg., 2.50 gm., 750 gm, | No |
| 4 | Bison | Green Fodder & hays, Concerted feed | 15 kg., 05 kg., 10 kg., | 15 kg., 05 kg., 10 kg., | No |
| 5 | Chinkara | Green Fodder & hays, Concerted feed | 2 kg., 2.50 gm., 500 gm, | 2 kg., 2.50 gm., 500 gm, | No |
| 6 | Common Palm Civet | Goat meat | 300 gm, | 300 gm, | Every Sunday |
| 7 | Common Fox | Goat meat | 500 gm, | 500 gm, | Every Sunday |
| 8 | Common Langur | Green veg. & fruit | 1 kg. | 1 kg. | No |
| 9 | Goral | Green Fodder & hays, Concerted feed | 2 kg., 2.50 gm., 500 gm, | 2 kg., 2.50 gm., 500 gm, | No |
| 10 | Hyaena | Meat | 2 kg. | 2 kg. | Every Sunday |
| 11 | Hippopotamus | Green Fodder & hays, Concerted feed | 15 kg., 05 kg., 10 kg., | 15 kg., 05 kg., 10 kg., | No |
| 12 | Hog Deer | Green Fodder & hays, Concerted feed | 2 kg., 2.50 gm., 750 gm, | 2 kg., 2.50 gm., 750 gm, | No |
| 13 | Indian Small Cevet | Meat | 200 gm, | 200 gm, | Every Sunday |
| 14 | Jungle Cat | Meat | 200 gm, | 200 gm, | Every Sunday |
| 15 | Jackal | Meat | 1 kg. | 1 kg. | Every Sunday |
| 16 | Leopard or Panther | Meat | 4 kg. | 4 kg. | Every Sunday |
| 17 | Lion | Meat | 10 kg. | 10 kg. | Every Sunday |
| 18 | Macaque | Green veg. & fruit | 1 kg. | 1 kg. | No |
| 19 | Mongoose Grey | Meat | 200 gm, | 200 gm, | Every Sunday |
| 20 | Mouse Deer | Green veg. & fruit | 0.5 kg. | 0.5 kg. | No |
| 21 | Nilgai | Green Fodder & hays, Concerted feed | 10 kg., 02 kg., 05 kg., | 10 kg., 02 kg., 05 kg., | No |
| 22 | Ratel | Meat | 0.5 kg., | 0.5 kg., | Every Sunday |
| 23 | Sika Deer | Green Fodder & hays, Concerted feed | 04 kg., 01 kg., 01 kg., | 04 kg., 01 kg., 01 kg., | No |
| 24 | Spotted Deer (chital) | Green Fodder & hays, Concerted feed | 04 kg., 01 kg., 1.5 kg., | 04 kg., 01 kg., 1.5 kg., | No |
| 25 | Swamp Deer | Green Fodder & hays, Concerted feed | 06 kg., 01 kg., 02 kg., | 06 kg., 01 kg., 02 kg., | No |
| 26 | Sambar | Green Fodder & hays, Concerted feed | 08 kg., 01 kg., 04 kg., | 08 kg., 01 kg., 04 kg., | No |

| | | | | | |
|----|--------------------|-------------------------------------|--------------------------------|--------------------------------|--------------|
| 27 | Sahi | Green veg. & fruit | 1 kg. | 1 kg. | No |
| 28 | Sloth Bear | Fruit & khir | 4 kg. | 4 kg. | No |
| 29 | Tiger white | Meat | 10 kg. | 10 kg. | Every Sunday |
| 30 | Tiger royal bengal | Meat | 10 kg. | 10 kg. | Every Sunday |
| 31 | Thiamin Deer | Green Fodder & hays, Concerted feed | 06 kg., 01 kg., 02 kg., | 06 kg., 01 kg., 02 kg., | No |
| 32 | White Buck | Green Fodder & hays, Concerted feed | 2 kg., 2.50 gm., 750 gm, | 2 kg., 2.50 gm., 750 gm, | No |
| 33 | Wild pig | Fruit & khir | 4 kg. | 4 kg. | No |
| 34 | Banded krait | Live Snake | - | - | Weekly |
| 35 | Common krait | Live Snake | - | - | Weekly |
| 36 | Crocodile | Fish | 2 kg. | 2 kg. | Every Sunday |
| 37 | Ghariyal | Fish | 2 kg. | 2 kg. | Every Sunday |
| 38 | Indian rock python | Chicken | 2 kg. | 2 kg. | Weekly |
| 39 | Indian monitor | Fish | 200 gm. | 200 gm. | Every Sunday |
| 40 | Indian Cobra | Day old chick | 02 pc. | 02 pc. | Weekly |
| 41 | Rat Snake (dhaman) | Day old chick | 02 pc. | 02 pc. | Weekly |
| 42 | Sand boa common | Day old chick | 02 pc. | 02 pc. | Weekly |
| 43 | Viper russells | Day old chick | 02 pc. | 02 pc. | Weekly |
| 44 | Tortoise | Green veg. & fruit | 100 gm, | 100 gm. | No |
| 45 | Turtle | Green veg. & fruit | 100 gm, | 100 gm. | No |
| 46 | Alexender parakit | Seeds & fruits | 100 gm., | 100 gm., | No |
| 47 | Budgeriger | Seeds | 20 gm., | 20 gm | No |
| 48 | Black Kite | Meat | 100 gm, | 100 gm, | Every Sunday |
| 49 | Cockatiel | Seeds | 30 gm., | 30 gm | No |
| 50 | Emu | Fruits & Chicken feed | 2 kg. | 2 kg. | No |
| 51 | Greater Adjutant | Fish | 0.5 kg. | 0.5 kg. | Every Sunday |
| 52 | Gray Partridge | Seeds | 30 gm., | 30 gm | No |
| 53 | Love bird's | Seeds | 20 gm., | 20 gm | No |
| 54 | Owl brown fish | Meat | 100 gm, | 100 gm, | Every Sunday |
| 55 | Parakeet common | Seeds & fruits | 100 gm., | 100 gm., | No |
| 56 | Pelican rosy white | Fish | 02 kg. | 2 kg. | Every Sunday |
| 57 | Painted stork | Fish | 0.5 kg. | 0.5 kg. | Every Sunday |
| 58 | Peafowl | Seeds & fruits | 0.5 kg. | 0.5 kg. | No |
| 59 | Quail | Seeds | 20 gm., | 20 gm | No |
| 60 | Red Jungle Fowl | Chicken feed | 200 gm. | 200 gm. | No |
| 61 | Scritch owl | Meat | 100 gm, | 100 gm, | Every Sunday |
| 62 | Shikra | Meat | 100 gm, | 100 gm, | Every Sunday |
| 63 | Vulture | Meat | 1 kg. | 1 kg. | Every Sunday |
| 64 | Ostrich | Fruits & Chicken, feed | 2 kg. | 2 kg. | No |
| 65 | Yellow Parakeet | Seeds & fruits | 100 gm., | 100 gm., | No |

14. Vaccination schedule of animals:-

| No. | Species | Disease vaccinated for | Name of the Vaccine and dosage/ quantity used | Periodicity | Remarks |
|-----|----------------|------------------------|---|-------------|---------|
| 1 | No Vaccination | | | | |

15. De-worming Schedule of animals:-

| S.No. | Species | Drug used | Month |
|-------|-----------------------|--------------|---------------|
| 1 | Antelope Four horned | Fenbendazole | Every 3 month |
| 2 | Barking Deer | Fenbendazole | Every 3 month |
| 3 | Black Buck | Fenbendazole | Every 3 month |
| 4 | Bison | Fenbendazole | Every 3 month |
| 5 | Chinkara | Fenbendazole | Every 3 month |
| 6 | Common Palm Civet | Fenbendazole | Every 3 month |
| 7 | Common Fox | Fenbendazole | Every 3 month |
| 8 | Common Langur | Fenbendazole | Every 3 month |
| 9 | Goral | Fenbendazole | Every 3 month |
| 10 | Hyaena | Fenbendazole | Every 3 month |
| 11 | Hippopotamus | Fenbendazole | Every 3 month |
| 12 | Hog Deer | Fenbendazole | Every 3 month |
| 13 | Indian Small Cevet | Fenbendazole | Every 3 month |
| 14 | Jungle Cat | Fenbendazole | Every 3 month |
| 15 | Jackal | Fenbendazole | Every 3 month |
| 16 | Leopard or Panther | Fenbendazole | Every 3 month |
| 17 | Lion | Fenbendazole | Every 3 month |
| 18 | Macaque | Fenbendazole | Every 3 month |
| 19 | Mongoose Grey | Fenbendazole | Every 3 month |
| 20 | Mouse Deer | Fenbendazole | Every 3 month |
| 21 | Nilgai | Fenbendazole | Every 3 month |
| 22 | Ratel | Fenbendazole | Every 3 month |
| 23 | Sika Deer | Fenbendazole | Every 3 month |
| 24 | Spotted Deer (chital) | Fenbendazole | Every 3 month |
| 25 | Swamp Deer | Fenbendazole | Every 3 month |
| 26 | Sambar | Fenbendazole | Every 3 month |
| 27 | Sahi | Fenbendazole | Every 3 month |
| 28 | Sloth Bear | Fenbendazole | Every 3 month |
| 29 | Tiger white | Fenbendazole | Every 3 month |
| 30 | Tiger royal bengal | Fenbendazole | Every 3 month |
| 31 | Thiamin Deer | Fenbendazole | Every 3 month |
| 32 | White Buck | Fenbendazole | Every 3 month |
| 33 | Wild pig | Fenbendazole | Every 3 month |
| 34 | Banded krait | Fenbendazole | Every 3 month |
| 35 | Common krait | Fenbendazole | Every 3 month |
| 36 | Crocodile | Fenbendazole | Every 3 month |
| 37 | Gharyial | Fenbendazole | Every 3 month |
| 38 | Indian rock python | Fenbendazole | Every 3 month |
| 39 | Indian monitor | Fenbendazole | Every 3 month |
| 40 | Indian Cobra | Fenbendazole | Every 3 month |
| 41 | Rat Snake (dhaman) | Fenbendazole | Every 3 month |
| 42 | Sand boa common | Fenbendazole | Every 3 month |
| 43 | Viper russells | Fenbendazole | Every 3 month |
| 44 | Tortoise | Fenbendazole | Every 3 month |
| 45 | Turtle | Fenbendazole | Every 3 month |
| 46 | Alexender parakit | Fenbendazole | Every 3 month |
| 47 | Budgeriger | Fenbendazole | Every 3 month |
| 48 | Black Kite | Fenbendazole | Every 3 month |
| 49 | Cockatiel | Fenbendazole | Every 3 month |
| 50 | Emu | Fenbendazole | Every 3 month |
| 51 | Greater Adjutant | Fenbendazole | Every 3 month |
| 52 | Gray Partridge | Fenbendazole | Every 3 month |

| | | | |
|----|--------------------|--------------|---------------|
| 53 | Love bird's | Fenbendazole | Every 3 month |
| 54 | Owl brown fish | Fenbendazole | Every 3 month |
| 55 | Parakeet common | Fenbendazole | Every 3 month |
| 56 | Pelican rosy white | Fenbendazole | Every 3 month |
| 57 | Painted stork | Fenbendazole | Every 3 month |
| 58 | Peafowl | Fenbendazole | Every 3 month |
| 59 | Quail | Fenbendazole | Every 3 month |
| 60 | Red Jungle Fowl | Fenbendazole | Every 3 month |
| 61 | Scritech owl | Fenbendazole | Every 3 month |
| 62 | Shikra | Fenbendazole | Every 3 month |
| 63 | Valture | Fenbendazole | Every 3 month |
| 64 | Ostrich | Fenbendazole | Every 3 month |
| 65 | Yellow Parakeet | Fenbendazole | Every 3 month |

Every next time de-worming change the trade name of drug.

16. Disinfection Schedule :-

| S.No. | Species | Type of enclosure | Disinfectant used and method | Frequency of disinfection |
|-------|----------------------|-------------------|--|---------------------------|
| 1 | Antelope Four horned | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 2 | Barking Deer | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 3 | Black Buck | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 4 | Bison | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 5 | Chinkara | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 6 | Common Palm Civet | Close cell | Sodium hypochlorite | Weekly |
| 7 | Common Fox | Open, Close cell | Sodium hypochlorite | Weekly & Monthly |
| 8 | Common Langur | Close cell | Sodium hypochlorite | Weekly |
| 9 | Goral | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 10 | Hyaena | Open, Close cell | Sodium hypochlorite | Weekly & Monthly |
| 11 | Hippopotamus | Open | Sodium hypochlorite & Bleaching powder | Weekly |
| 12 | Hog Deer | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 13 | Indian Small Cevet | Close cell | Sodium hypochlorite | Weekly |
| 14 | Jungle Cat | Open, Close cell | Sodium hypochlorite | Weekly |
| 15 | Jackal | Open, Close cell | Sodium hypochlorite | Weekly |
| 16 | Leopard or Panther | Open, Close cell | Sodium hypochlorite | Weekly 2 times |
| 17 | Lion | Open, Close cell | Sodium hypochlorite | Weekly 2 times |
| 18 | Macaque | Close cell | Sodium hypochlorite | Weekly |
| 19 | Mongoose Grey | Close cell | Sodium hypochlorite | Weekly |
| 20 | Mouse Deer | Open, Close cell | Sodium hypochlorite | Weekly |
| 21 | Nilgai | Open | Sodium hypochlorite & Bleaching powder | Weekly |
| 22 | Ratel | Open, Close cell | Sodium hypochlorite | Weekly |
| 23 | Sika Deer | Open | Sodium hypochlorite & Bleaching powder | Monthly |

| | | | | |
|----|-----------------------|---------------------|--|----------------|
| 24 | Spotted Deer (chital) | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 25 | Swamp Deer | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 26 | Sambar | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 27 | Sahi | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 28 | Sloth Bear | Open, Close cell | Sodium hypochlorite | Weekly 2 times |
| 29 | Tiger white | Open, Close cell | Sodium hypochlorite | Weekly 2 times |
| 30 | Tiger royal bengal | Open, Close cell | Sodium hypochlorite | Weekly 2 times |
| 31 | Thiamin Deer | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 32 | White Buck | Open | Sodium hypochlorite & Bleaching powder | Monthly |
| 33 | Wild pig | Open, Close cell | Sodium hypochlorite | Weekly 2 times |
| 34 | Banded krait | Close cell | Virkon-s | Weekly |
| 35 | Common krait | Close cell | Virkon-s | Weekly |
| 36 | Crocodile | - | - | - |
| 37 | Ghariyal | - | - | - |
| 38 | Indian rock python | Close cell | Virkon-s | Weekly |
| 39 | Indian monitor | Close cell | Virkon-s | Weekly |
| 40 | Indian Cobra | Close cell | Virkon-s | Weekly |
| 41 | Rat Snake (dhaman) | Close cell | Virkon-s | Weekly |
| 42 | Sand boa common | Close cell | Virkon-s | Weekly |
| 43 | Viper russells | Close cell | Virkon-s | Weekly |
| 44 | Tortoise | Close cell | Virkon-s | Weekly |
| 45 | Turtle | Close cell | Virkon-s | Weekly |
| 46 | Alexender parakit | Close cell | Virkon-s | Weekly |
| 47 | Budgeriger | Close cell | Virkon-s | Weekly |
| 48 | Black Kite | Close cell | Virkon-s | Weekly |
| 49 | Cockatiel | Close cell | Virkon-s | Weekly |
| 50 | Emu | Close cell | Virkon-s | Weekly |
| 51 | Greater Adjutant | Close cell | Virkon-s | Weekly |
| 52 | Gray Partridge | Close cell | Virkon-s | Weekly |
| 53 | Love bird's | Close cell | Virkon-s | Weekly |
| 54 | Owl brown fish | Close cell | Virkon-s | Weekly |
| 55 | Parakeet common | Close cell | Virkon-s | Weekly |
| 56 | Pelican rosy white | - | - | - |
| 57 | Painted stork | - | - | - |
| 58 | Peafowl | Close cell | Virkon-s | Weekly |
| 59 | Quail | Close cell | Virkon-s | Weekly |
| 60 | Red Jungle Fowl | Close cell | Virkon-s | Weekly |
| 61 | Scritech owl | Close cell | Virkon-s | Weekly |
| 62 | Shikra | Close cell | Virkon-s | Weekly |
| 63 | Valture | Close cell | Virkon-s | Weekly |
| 64 | Ostrich | Close cell | Virkon-s | Weekly |
| 65 | Yellow Parakeet | Close cell | Virkon-s | Weekly |

17. Health Check-up of employees for zoonotic diseases :-

| S.No. | Name | Designation | Date of Health Check up | Findings of Health Check up |
|-------|---|-------------|-------------------------|-----------------------------|
| 1 | Health Check-up of employees not carried out. | | | |

18. Development Works carried out in the zoo during the year.

1. Visitors Urinal,
2. Waiting Shed,
3. Risqué center Extension,
4. Vehicle parking shed,
5. Electronic ticket,

19. Education and Awareness programmes during the year.

Education and awareness programmes in this year not carried out.

20. Important Events and happenings. NIL

21. Seasonal special arrangements for upkeep of animals.

Only in summer up keeping of animals we used for cooling, Cooler, khas & water sprinkler, green net shed, temporary hut,

22. Research Work carried out and publications. NIL

23. Conservation breeding Programme of the Zoo. NIL

24. Animal acquisition / transfer / exchange during the year

| A. Animals arriving in the Zoo | | | | | |
|---------------------------------------|-------|--------------------|--------------|---|----------------------------|
| | H.No. | Species | Number (M:F) | From which Zoo | Date of arrival in the zoo |
| 1 | - | Ostrich | 1:2 | Bhagvan Birsa Biological park, Ranchi | 04/07/2018 |
| 2 | - | Royal Bengal Tiger | 0:1 | Nandavan Zoo Raipur, Jangel safari Raipur | 11/08/2018 |
| 3 | - | Royal Bengal Tiger | 1:0 | Nandavan Zoo Raipur, Jangel safari Raipur | 12/08/2018 |
| 4 | - | Chinkara | 1:1 | Rajeev Gandhi Zoological Park, Pune | 26/09/2018 |
| 5 | - | Cockatiel | 6:6 | Gandhi Zoological Park Gowalior | 04/12/2018 |
| 6 | - | Budgerigar | 6:6 | Gandhi Zoological Park Gowalior | 04/12/2018 |
| 7 | - | Love Birds | 2:2 | Gandhi Zoological Park Gowalior | 04/12/2018 |
| B. Animals going from the zoo | | | | | |
| | H.No. | Species | Number (M:F) | Going to which Zoo | Date of arrival in the zoo |
| 1 | - | Lion | 1:1 | Mukundpur Zoo Satna (M.P.) | 05/04/2018 |
| 2 | | Barking Deer | 1:1 | Mukundpur Zoo Satna (M.P.) | 30/04/2018 |
| 3 | | Black Buck | 9:18 | Barnavapara sanctuary Baloda bazar | 22/05/2018 |
| 4 | | Bengal Tiger White | 1:0 | Bhagvan Birsa Biological park, Ranchi | 05/07/2018 |
| 5 | - | Royal Bengal Tiger | 0:1 | Bhagvan Birsa Biological park, Ranchi | 05/07/2018 |
| 6 | - | Bengal Tiger White | 1:1 | Nandavan Zoo Raipur, Jangle safari Raipur | 11/08/2018 |
| 7 | - | Sloth Bear | 1:1 | Rajeev Gandhi Zoological Park, Pune | 27/09/2018 |
| 8 | - | Ghariyal | 1:1 | Nandavan Zoo Raipur, Jangle safari Raipur | 08/10/2018 |
| 9 | - | Sloth Bear | 1:1 | Gandhi Zoological Park Gowalior | 06/12/2018 |

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

| S.no. | Date of Rescue | Species with number of animals rescued with their sex (M:F:U:T) | Received from | Date of Submission of report to the CWLW / CZA | Action taken | |
|-------|----------------|---|---------------|--|---|--|
| | | | | | Date and Place of rehabilitation in their habitat | Reasons for housing in the zoo. If not released in their habitat |
| NIL | | | | | | |

Endangered Species :-

Inventory Report for the year : 01.04.2018 to 31.03.2019

| S. No | Animal name | Scientific name | Opening Stock as on 01.04.2018 | | | | Births | | | | Acquisition | | | | Disposal | | | | Death | | | | Closing Stock as on 31.03.2019 | | | | |
|-------|-----------------------------------|----------------------------|--------------------------------|----|----|----|--------|---|----|---|-------------|---|---|---|----------|---|---|---|-------|---|---|---|--------------------------------|----|----|----|----|
| | | | M | F | U | T | M | F | U | T | M | F | U | T | M | F | U | T | M | F | U | T | M | F | U | T | |
| 1 | Peafowl | Pavo cristatus | 6 | 2 | 7 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 2 | 7 | 15 | | |
| 2 | Peafowl White | Pavo cristatus | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 3 | Shikra | Accipiter dadius | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | | |
| 4 | Vulture White Backed -- Bengal | Gyps bengalensis | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | | |
| 5 | Antelope four horned (chowsingha) | Tetracerus quadricornis | 10 | 12 | 8 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 7 | 10 | 8 | 25 |
| 6 | Bear Sloth | Melursus ursinus | 8 | 4 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 2 | 0 | 9 |
| 7 | Black Buck (Krishna Mrig) | Antelope cervicapra | 15 | 10 | 21 | 46 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | 10 | 35 |
| 8 | Black Buck (Albino) | Antelope cervicapra | 5 | 3 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 4 | 12 |
| 9 | Jungle Cat | Felis chaus | 4 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 6 |
| 10 | Common Palm Civet -- Cat Toddy | Paradoxurus hermaphrodites | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 4 |
| 11 | Indian Small Civet | Viverricula indica | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 12 | Deer Brow antlered (Sangan) | Rucervus eldii eldii | 5 | 3 | 1 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 3 | 2 | 10 |
| 13 | Mouse Deer | Moschiola meminna | 3 | 3 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 2 | 0 | 2 | 4 |
| 14 | Swamp Deer (Barasingha) | Rucervus duvaucelii | 4 | 5 | 6 | 15 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 5 | 8 | 16 |
| 15 | Fox common | Vulpes bengalensis | 7 | 2 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 5 | 0 | 12 |
| 16 | Gaur (Indian Bison) | Bos frontalis gaurus | 3 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 4 |
| 17 | Gazelle Indian (Chinkara) | Gazella bennettii | 2 | 3 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 1 | 8 |
| 18 | Jackal | Canis aureus | 7 | 3 | 5 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 3 | 5 | 15 |
| 19 | Langur Common | Semnopithecus entellus | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 4 |
| 20 | Leopard (Panther) | Panthera pardus | 6 | 3 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 5 | 1 | 6 |
| 21 | Rhesus Macaque | Macaca mulatta | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 |

26 Annual Inventory of animals

Form – II

{See Rule 11 (1)}

Part – A

Endangered Species :-

Inventory Report for the year : 01.04.2018 to 31.03.2019

| S. No | Animal name | Scientific name | Opening Stock as on 01.04.2018 | | | | | | | Births | | | Acquisition | | | Disposal | | | Death | | | Closing Stock as on 31.03.2019 | | |
|-----------------|-------------------------------|----------------------------|--------------------------------|-----------|------------|------------|----------|----------|-----------|----------|----------|----------|-------------|----------|-----------|----------|----------|----------|----------|-----------|-----------|--------------------------------|------------|----|
| | | | M | F | U | T | M | F | U | M | F | U | M | F | U | M | F | U | M | F | U | T | | |
| 22 | Mongoose common | Herpestes edwardsii | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| 23 | Ratel | Mellivora capensis | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 |
| 24 | Tiger Bengal | Panthera tigris tigris | 2 | 5 | 0 | 7 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 0 | 10 |
| 25 | Tiger Bengal (White) | Panthera tigris tigris | 4 | 3 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 3 |
| 26 | Cobra Indian | Naja naja | 0 | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 14 |
| 27 | Crocodile Long Snouted | Gavialis gangeticus | 4 | 5 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 4 | 0 | 7 |
| 28 | Crocodile marsh (Mugger) | Crocodylus palustris | 2 | 0 | 8 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 8 | 10 |
| 29 | Monitor lizard/ Common Indian | Varanus bengalensis | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| 30 | Python Indian Rock | Python molurus | 0 | 0 | 13 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 |
| 31 | Rat Snake | Ptyas mucosus | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| 32 | Turtle | Lissemys punctata punctata | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| 33 | Russells viper | Daboia russelii | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Totat :- | | | 105 | 77 | 117 | 299 | 1 | 1 | 19 | 3 | 2 | 0 | 5 | 5 | 30 | 7 | 8 | 0 | 0 | 97 | 70 | 103 | 270 | |

*Animals under Schedule I and Schedule II of the wild life (Protection) Act. 1972

**Other than Endangered Species :-
Part – B**

Inventory Report for the year : 01.04.2018 to 31.03.2019

| S. No | Animal name | Scientific name | Opening Stock as on 01.04.2018 | | | | Births | | | | Acquisition | | | | Disposal | | | | Death | | | | Closing Stock as on 31.03.2019 | | | |
|-----------------|-----------------------|---------------------------|--------------------------------|-----------|-----------|------------|----------|----------|----------|----------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|--------------------------------|------------|---|---|
| | | | M | F | U | T | M | F | U | T | M | F | U | T | M | F | U | T | M | F | U | T | M | F | U | T |
| 1 | Red jungle fowl | Gallus gallus | 4 | 3 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 7 | | |
| 2 | Black Kite | Milvus migrans govinda | 0 | 0 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | | |
| 3 | Owl barn | Toto alba | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | | | |
| 4 | Owl Borwn Fish | Ketupa zeyloneis leschena | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | | | |
| 5 | Alexandrine parakeet | Pittacula eupatria | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 6 | | | |
| 6 | Parakeet Rose ring | Pittacula krameri | 3 | 4 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 2 | 9 | | | |
| 7 | Swamp partridge | Francoelinus gularis | 2 | 3 | 6 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 6 | 11 | | | |
| 8 | Pelican rosy White | Pelecanus onocrotalus | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 4 | | | |
| 9 | Grater Adjutant | Leptoptilos javanicus | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | | |
| 10 | Painted Stork | Mycteria leucocephala | 1 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | | |
| 11 | Barking deer | Muntiacus muntjak | 7 | 6 | 1 | 14 | 1 | 2 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 2 | 14 | | | |
| 12 | Hog deer | Axis procinus | 3 | 6 | 0 | 9 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 4 | 13 | | | |
| 13 | Sambar | Rusa unicolor | 1 | 5 | 4 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 4 | 10 | | | | |
| 14 | Spotted deer (Chital) | Axis-axis | 35 | 24 | 41 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 24 | 41 | 100 | | | | |
| 15 | Goral | Naemorhedus goral | 1 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 1 | | | |
| 16 | Hyaena | Hyaena hyaena | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 | | | |
| 17 | Nilgai –Blue bull | Boselaphus tragocamelus | 9 | 5 | 2 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 5 | 2 | 16 | | | | |
| 18 | Wild pig – Wild boar | Sus scrofa | 5 | 2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 5 | | | |
| 19 | Porcupine | Hystrix indica | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 4 | | | |
| 20 | Banded Krait | Bungarus fasciatus | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | | | |
| 21 | Common Krait | Gongyllophis conicus | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | | | |
| 22 | Tortoises | Geochelone elegans | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | | | |
| Totat :- | | | 81 | 71 | 75 | 227 | 1 | 2 | 5 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 0 | 2 | 3 | 1 | 78 | 68 | 79 | 225 | | |

| | | Exotic Species :- | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-----------------|--------------------------|-----------|-----------|-----------|------------|----------|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|------------|----|
| 1 | Budgeriger | Melopsittacus undulates | 0 | 3 | 18 | 21 | 0 | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 9 | 18 | 33 |
| 2 | Cockatiel | Nymphicus hollandicus | 2 | 5 | 37 | 44 | 0 | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 11 | 37 | 56 |
| 3 | Ernu | Dromaius novaehollandiae | 3 | 3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 6 |
| 4 | Love Birds | Agapornis | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 8 |
| 5 | Yellow Parakeet | - | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| 6 | Quail Brown | Coturnix ypsilophora | 0 | 0 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 |
| 7 | Sika Deer | Cervus Nippon | 1 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 3 |
| 8 | Hippopotamus | Hippopotamus amphibious | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 |
| 9 | Lion African | Panthera leo | 7 | 4 | 0 | 11 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 0 | 13 |
| 10 | Sand boa common | Eryes conicus | 0 | 0 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 |
| 11 | Ostrich | Strithio camelus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Totat :- | | | 18 | 21 | 72 | 111 | 2 | 2 | 0 | 15 | 16 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 33 | 38 | 72 | 143 | |

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 Postmortem report |
|------|---|-------------------------|--------|---------------|--|
| 1 | Goral | Naemorhedus Goral | Female | 06/04/2018 | Acitis. (Liver Damage) |
| 2 | Leopard | Panthera pardus | Female | 17/05/2018 | Asphaxia. (Infighting) |
| 3 | Wild boar | Sus Scrofa | Female | 23/05/2018 | Heat stock. |
| 4 | Mouse deer | Moschiola meminna | Female | 01/06/2018 | Infighting. |
| 5 | Mouse deer | Moschiola meminna | Female | 01.07.2018 | Infighting. |
| 6 | White peacock | Pavo cristatus | Female | 12/06/2018 | Old age. |
| 7 | Wild boar | Sus Scrofa | Male | 11/07/2018 | Hypovolumic shock. |
| 8 | Leopard | Panthera pardus | Male | 14/07/2018 | Renal failure. |
| 9 | Ostrich | Strithio Camelus | Male | 19/07/2018 | Transport stress. |
| 10 | Swamp deer | Cervas duvancelii | Male | 21/08/2018 | Hypovolumic shock. (Infighting) |
| 11 | Chausingah | Tetraceros Quadricornis | Male | 26/08/2018 | Pneumonia. |
| 12 | Leopard | Panthera pardus | Female | 17/09/2018 | Renal failure. |
| 13 | Goral | Naemorhedus Goral | Unsex | 22/09/2018 | Liver disinfection. |
| 14 | Chausingah | Tetraceros Quadricornis | Male | 02/09/2018 | Pneumonia. |
| 15 | Chausingah | Tetraceros Quadricornis | Female | 02/09/2018 | Pneumonia. |
| 16 | Chausingah | Tetraceros Quadricornis | Female | 02/09/2018 | Pneumonia. |
| 17 | Chausingah | Tetraceros Quadricornis | Male | 12/11/2018 | Infighting. |
| 18 | White Tiger | Panthera Tigris | Male | 27/12/2018 | Multiple organ failure. (Hypoxia.) |
| 19 | Mouse deer | Moschiola meminna | Female | 01/01/2019 | Infighting. |
| 20 | Mouse deer | Moschiola meminna | Male | 14/01/2019 | Hypovolumic shock. (Infighting) |
| 21 | Goral | Naemorhedus Goral | Female | 15/01/2019 | Old age. (Acitis.) |
| 22 | Painted stork | Mycteria leucocephala | Male | 02/02/2019 | Asphaxia due to pneumonia. |

28. Compliance with Condition Stipulated by the Central Zoo Authority

| S.No | Norm No. under RZR, 2009 | Condition Stipulated | Time Period to Comply | Since when pending | Status with regard to compliance of the conditions |
|---|--------------------------|--|-----------------------|--------------------|--|
| General Requirements :- | | | | | |
| 1 | 1(9) | Zoo Should remove the pigeons from the display immediately. | With immediate effect | | कानन पेण्डारी जूलॉजिकल गार्डन में रखे Pigenos (फेनटेल कबूतर) को जू परिसर से बाहर छोड़ दिया गया है। |
| Administrative and Staffing pattern :- | | | | | |
| 2 | 2 (1) | Zoo Should have a whole-time In-charge as Director of the Zoo with adequate administrative and financial powers, The present arrangement of the Assistant Conservator of Forests being the Director with no financial powers does not work satisfactorily. | With immediate effect | | कानन पेण्डारी जू में Director पद पर वनमण्डलाधिकारी बिलासपुर है, जिसे केन्द्रीय चिड़ियाघर नई दिल्ली द्वारा दिनांक 23.02.2016 को जारी पत्र क्र. F.No. 23-11/95-C.Z.A.(183) (Vol.III) 298/2016 के तहत पूर्णकालिक संचालक कानन में ही पदस्थिति किये जाने हेतु शासन स्तर पर प्रस्ताव भेजा गया है। |
| 3 | 2 (2) | Zoo Should have one curator, one Biologist and one Education officer if it needs to get recognition as a medium Zoo. Till this condition is fulfilled, it will continue to be classified as small Zoo only. | With immediate effect | | कानन पेण्डारी जूलॉजिकल गार्डन में एक पंढ क्यूरेटर एक पद बायोलॉजिस्ट एवं एक पद एजुकेशन ऑफिसर शीघ्र ही रखे जाने के निर्देश केन्द्रीय चिड़ियाघर प्राधिकरण नई दिल्ली से प्राप्त हुआ है, उक्त विषय में निवेदन है कि मुख्य वन संरक्षक, (व.प्रा.) क्षेत्र संचालक अचानकमार टाईगर रिजर्व के पत्र क्र./व.प्रा./स्था. /2016/318 दिनांक 05.02.2016 द्वारा कानन में संविदा दर पर गेटमनी से उपरोक्त पद को रखने बाबत स्वीकृति प्रदान किया गया है। जिस पर अग्रिम कार्यवाही प्रगति पर है। कानन पेण्डारी जू का मास्टर प्लान राष्ट्रीय प्राणी उद्यान नई दिल्ली द्वारा तैयार की गई मास्टर प्लान के आधार पर बनाया गया है जिस पर उपरोक्त पदों के लिये शैक्षणिक योग्यता एवं वेतन बैंड प्रावधानित किया गया है। |
| Development and Planning :- | | | | | |
| 4 | 3 (3) | Zoo Proposes to send a revised Master Plan in view of the fact that it has got some additional area. This should be done immediately. | Within 6 months | | कानन पेण्डारी जू का मास्टर ले आउट प्लान पत्र क्र. F. no. 23-11/95-C.Z.A. (183) (Vol.III) (AK) 7617 दिनांक 08.08.2015 को केन्द्रीय चिड़ियाघर प्राधिकरण से अनुमोदित हो चुका है, मास्टर प्लान तैयार किया जा चुका है। |
| 5 | 3 (7) | Zoo Should make a Rescue Center for Ungulates, Carnivores, Primates and Birds at the earliest. | With immediate effect | | जू में शाकाहारी/मांसाहारी वन्यप्राणियों, प्रायमेट एवं पक्षियों के लिए पृथक से पुनर्वास केन्द्र |

28. Compliance with Condition Stipulated by the Central Zoo Authority

| S.No | Norm No. under RZR, 2009 | Condition Stipulated | Time Period to Comply | Since when pending | Status with regard to compliance of the conditions |
|---|--------------------------|--|-----------------------|--------------------|--|
| General Requirements :- | | | | | |
| 1 | 1(9) | Zoo Should remove the pigeons from the display immediately. | With immediate effect | | कानन पेण्डारी जूलॉजिकल गार्डन में रखे Pigenos (फेनटेल कबूतर) को जू परिसर से बाहर छोड़ दिया गया है। |
| Administrative and Staffing pattern :- | | | | | |
| 2 | 2 (1) | Zoo Should have a whole-time In-charge as Director of the Zoo with adequate administrative and financial powers, The present arrangement of the Assistant Conservator of Forests being the Director with no financial powers does not work satisfactorily. | With immediate effect | | कानन पेण्डारी जू में Director पद पर वनमण्डलाधिकारी बिलासपुर है, जिसे केन्द्रीय चिड़ियाघर नई दिल्ली द्वारा दिनांक 23.02.2016 को जारी पत्र क्र. F.No. 23-11/95-C.Z.A.(183) (Vol.III) 298/2016 के तहत पूर्णकालिक संचालक कानन में ही पदस्थिति किये जाने हेतु शासन स्तर पर प्रस्ताव भेजा गया है। |
| 3 | 2(2) | Zoo Should have one curator, one Biologist and one Education officer if it needs to get recognition as a medium Zoo. Till this condition is fulfilled, it will continue to be classified as small Zoo only. | With immediate effect | | कानन पेण्डारी जूलॉजिकल गार्डन में एक पद क्यूरेटर एक पद बायोलॉजिस्ट एवं एक पद एजुकेशन ऑफिसर शीघ्र ही रखे जाने के निर्देश केन्द्रीय चिड़ियाघर प्राधिकरण नई दिल्ली से प्राप्त हुआ है, उक्त विषय में निवेदन है कि मुख्य वन संरक्षक, (व.प्रा.) क्षेत्र संचालक अचानकमार टाईगर रिजर्व के पत्र क्र./व.प्रा./स्था./2016/318 दिनांक 05.02.2016 द्वारा कानन में संविदा दर पर गेटमनी से उपरोक्त पद को रखने बाबत स्वीकृति प्रदान किया गया है। जिस पर अग्रिम कार्यवाही प्रगति पर है। कानन पेण्डारी जू का मास्टर प्लान राष्ट्रीय प्राणी उद्यान नई दिल्ली द्वारा तैयार की गई मास्टर प्लान के आधार पर बनाया गया है जिस पर उपरोक्त पदों के लिये शैक्षणिक योग्यता एवं वेतन बैंड प्रावधानित किया गया है। |
| Development and Planning :- | | | | | |
| 4 | 3 (3) | Zoo Proposes to send a revised Master Plan in view of the fact that it has got some additional area. This should be done immediately. | Within 6 months | | कानन पेण्डारी जू का मास्टर ले आउट प्लान पत्र क्र. F. no. 23-11/95-C.Z.A. (183) (Vol.III) (AK) 7617 दिनांक 08.08.2015 को केन्द्रीय चिड़ियाघर प्राधिकरण से अनुमोदित हो चुका है, मास्टर प्लान तैयार किया जा चुका है। |
| 5 | 3 (7) | Zoo Should make a Rescue Center for Ungulates, Carnivores, Primates and Birds at the earliest. | With immediate effect | | जू में शाकाहारी/मांसाहारी वन्यप्राणियों, प्रायमेट एवं पक्षियों के लिए पृथक से पुनर्वास केन्द्र |

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| | | | | | (Rescue Center) व्यय प्राक्कलन तैयार कर अनुमोदन हेतु भेजा जा रहा है। |
| 6 | 3 (7) | Zoo Should have appropriately designed quarantine words near the Zoo gate. Present quarantine ward to be used as inpatient ward. | Within One year | | क्वारेटाईन वार्ड का निर्माण गेट नं. 2 के पास किया जा चुका है। वर्तमान में उपलब्ध क्वारेटाईन को Inpatient word के रूप में उपयोग किया जा रहा है। |
| 7 | 3 (8) | The Zoo should send a report of Schedule -I animals received as rescued animals, to the Central Zoo Authority regularly. | With immediate effect | | रेस्क्यू से प्राप्त जू में शेड्यूल-1 के वन्यप्राणियों को प्रतिवेदन केन्द्रीय चिड़ियाघर प्राधिकरण नई दिल्ली को उनके द्वारा निर्धारित, त्रैमासिक एवं वार्षिक इन्वेटरी रिपोर्ट में नियमित रूप से भेजा जाता है। |
| Animals Housing, display of animals and animal enclosures :- | | | | | |
| 8 | 4 (1) | Most of the Zoo enclosures are sub-standard construction work of new enclosures to be taken up as per approved Master Plan after getting designs approved from the Central Zoo Authority. | Within One year | | नये मास्टर ले आऊट के अनुसार निर्धारित सील पर नये इन्क्लोजर बनाया जाना है, इस हेतु मास्टर प्लान के अनुसार नये इन्क्लोजर केन्द्रीय चिड़ियाघर प्राधिकरण नई दिल्ली द्वारा तैयार डिजाईन के आधार पर तैयार कर ही भविष्य में निर्माण किया जावेगा। |
| 9 | 4 (1) | Enclosures for Hyena, Wolf and jackal do not have visitors' gallery, Also, ventilation and light in the feeding cells is inadequate. The enclosures should be modified after getting approval from the Central Zoo Authority. | With immediate effect | | हाईना, भेड़िया एवं सियार में विजिटर गैलरी तैयार किया जान है, इस हेतु पृथक से निर्माण प्रस्ताव तैयार किया जा रहा है, फिडिंग सेल में पर्याप्त प्रकाश एवं खिड़की की व्यवस्था की जा चुकी है। इनका इन्क्लोजर मास्टर ले आऊट प्लान में नया बनाये जाने के प्रावधान है। जिसे केन्द्रीय चिड़ियाघर प्राधिकरण द्वारा प्रावधानित डिजाईन का बनाया जावेगा, जिसकी स्वीकृति केन्द्रीय चिड़ियाघर प्राधिकरण नई दिल्ली से प्राप्त होते ही प्रारंभ कराया जाना प्रस्तावित है। |
| 10 | 4 (2) | Most of the feeding cells have inadequate ventilation and lighting. Particularly, the Tiger and Lion, The defect should be rectified. | Wihin One year | | टाईगर एवं लॉयन के Feeding cell में प्रकाश एवं Ventilation की व्यवस्था दिनांक 07 जनवरी 2016 को कानन पेण्डारी जू की मूल्यांकन पर आये अधिकारियों द्वारा दिये गये निर्देश के अनुरूप कर लिया गया है। |
| 11 | 4 (8) | Zoo has constructed a Four-horned antelope enclosure without getting the design approved by the Central Zoo Authority. The feeding cells are protruding into paddock. Since, Zoo should make it a practice to get approval of design of enclosures for Schedule - I animals, from the Central Zoo Authority. | With immediate effect | | चौसिंगा केज में Feeding cell paddock क्षेत्र पर नहीं होने के बारे में बताए जाने पर उन्हे पृथक से Feeding cell नाईट इन्क्लोजर क्षेत्र पर बनाया गया है। भविष्य में शेड्यूल - 1 के एनीमल इन्क्लोजर का निर्माण केन्द्रीय चिड़ियाघर प्राधिकरण से अनुमोदन पश्चात् ही किया जावेगा। |
| 12 | 4 (9) | Stand - off barrier of moat of enclosures is too nigh. Not even that, | With immediate | | केन्द्रीय चिड़ियाघर प्राधिकरण नई दिल्ली द्वारा अनुमोदित Design |

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| | | chain-link has also been fixed on moat walls. Zoo should make stand - off barriers consistent with designs approved by the Central Zoo Authority. | effect | के अनुसार Stand off barriers तैयार किया जा रहा है। |
| 13 | 4 (10) | Signage should have some ecological information. Also, Biological information on the sign board should be pertinent to the display. | With immediate effect | साईन बोर्ड में वन्यप्राणियों के ईकोलॉजिकल महत्व के साथ बायोलॉजिकल सूचना भी प्रदर्शित करने का निर्देश है, जिसे पुनः सुधार किया जा रहा है। |
| Upkeep and healthcare of animals :- | | | | |
| 14 | 5 (2) | Microbial examination of feed should be carried out on a regular basis. | With immediate effect | वन्यप्राणियों को दिये जा रहे खाद्य सामग्रियों की माईक्रोबियल जांच नियमित रूप से किये जाने के सुझाव है, इस हेतु नमूना जांच I.V.R.I. बरेली एवं कामधेनु पशु विश्वविद्यालय अंजोरा दुर्ग को भेजा जा रहा है। |
| 15 | 5 (3) | Zoo does not have appropriately designed kitchen and feed store. The same Should be provided. | Within One year | वन्यप्राणियों के लिये भोजन निर्माण कक्ष एवं खाद्य भंडार गृह पृथक से तैयार किया जा रहा है। |
| 16 | 5 (5) | Zoo is having open drainage all surround the Zoo. The Zoo should have regular drain pipes and soak pits to take care of liquid waste. | Within three months | जू में आंतरिक क्षेत्रों से लगे खुले ड्रेनेज का निर्माण एवं समस्त वन्यप्राणियों के नाईट इन्क्लोजर से लगे ड्रेनेज को आंतरिक पाइप से शोकपीट तक जोड़ने का कार्य किया जा रहा है। |
| 17 | 5 (8) | Zoo has not prepared schedules for disinfection and vaccination of animals. The same should be prepared and displayed. | Within three months | जू के वन्यप्राणियों को संक्रमण से बचाव हेतु शेड्यूल तैयार कर चिकित्सालय में प्रदर्शित किया जा रहा है। |
| 18 | 5 (9) | Staff is screened only for tuberculosis. They should also be screened for brucellosis, Herpes, Trypanosomiasis etc. Staff handling sick animals/ dead animals should be prepared on priority basis. | With immediate effect | जू में कार्यरत कर्मचारियों की Tuberculosis बिमारी से बचाव हेतु आवश्यक जांच किया गया है, अन्य बिमारी यथा Brucellosis, Herpes, Trypanosomiasis आदि से बचाव हेतु जांच एवं कार्य प्रगति पर है। बीमार एवं मृत वन्यप्राणियों के हैडलिंग हेतु बचाव कीट का उपयोग किया जा रहा है। |
| 19 | 5 (10) | Zoo does not have history sheets for Schedule -I animals. The same should be prepared on priopity basis. | Within three months | कानन पेण्डारी जू के वन्यप्राणियों की History Sheet केन्द्रीय चिड़ियाघर प्राधिकरण नई दिल्ली द्वारा निर्धारित प्रारूप में तैयार कर संधारित किया जा रहा है। |
| 20 | 5 (10) | Supervisory staff should maintain diaries in which information of biological behavior of species should be recorded. | Within three months | कानन पेण्डारी जू के Supervisory staff के द्वारा दैनिक दैनंदिनी लेखन करने जिसमें प्रत्येक वन्यप्राणियों के Biological behavior नोट करने के निर्देश दिया गया है। |
| Veterinary and infrastructure facilities :- | | | | |
| 21 | 6 (1) | Zoo should have basic diagnostic facilities like X-ray, Ultrasound and Blood analyzer etc. | Within six months | कानन पेण्डारी जू में X-ray मशीन स्थापित कर संचालित किया जा रहा है। इसके साथ ही Ultra |

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| | | | | | sound मशीन एवं Blood Analyzer लगाने की प्रक्रिया प्रगति पर है। |
| 22 | 6 (1) | Zoo hospital should have in patient wards for sick animals. | Within One year | | वन्यप्राणी चिकित्सालय परिसर में बीमार वन्यप्राणियों को रखने के लिये Patient Ward तक तैयार करने बाबत प्रस्ताव तैयार कर लिया गया है, जिसे बजट उपलब्ध होने पर शीघ्र ही तैयार कर लिया जावेगा। |
| 23 | 6 (5) | Post of Stockman and Compunder should be sanctioned immediately. | Within 6 months | | Stockman एवं कम्पाउण्डर का पद हेतु शीघ्र ही संविदा नियुक्ति की अनुमति प्राप्त किया जा रहा है। |
| Post-mortem and disposal of carcasses of animals :- | | | | | |
| 24 | 7 (2) | Post-mortem findings should be recorded in format prescribed by the Central Zoo Authority. | With immediate effect | | पोस्टमार्टम प्रतिवेदन केन्द्रीय चिड़ियाघर प्राधिकरण द्वारा निर्धारित प्रारूप में तैयार किया जा रहा है। |
| 25 | 7 (3) | The reason of death given in Post-mortem report should be corroborated with the reports received on forensic examination. | With immediate effect | | वन्यप्राणियों की मृत्यु पश्चात् पोस्टमार्टम रिपोर्ट में फोरेन्सिक जांच पर पाए गए साक्ष्य को इन्द्राज किये जाने का निर्देश है, जिसका पालन किये जाने के संबंध में पशु चिकित्सा अधिकारी को निर्देश दिया गया है, भविष्य में इसका पालन सुनिश्चित किया जावेगा। |
| Acquisition and breeding of animals :- | | | | | |
| 26 | 9 (11) | Zoo has been releasing Spotted deer and Sambar in forests without screening them through DNA examination. They should make it a preactice to get DNA examination done before any same is released in wild. | With immediate effect | | भविष्य में चिड़ियाघर के वन्य प्राणियों को वन क्षेत्रों में छोड़ने के पूर्व DNA टेस्ट एवं Screening किया जावेगा। |
| Visitors facilities :- | | | | | |
| 27 | 12 (2) | Zoo does not have Snake venom readily available. It should ensure that the same is readily available. | With immediate effect | | कानन पेण्डारी चिड़ियाघर में माह फरवरी 2016 से Snake venom रेडी Stock में रखा जा रहा है। |
| General observations :- | | | | | |
| 28 | General | Zoo has made no progress about implementation of Disaster Management Plan. It should buy necessary equipment and carryout mock drills regularly. | With immediate effect | | जू के लिये Disaster Management Plan के लिये आवश्यक सामग्री क्रय किया जा रहा है, सामग्री प्राप्त होने के पश्चात् समय-समय Mock drills से नियमित रूप से किया जावेगा। |
| 29 | General | Zoo should prepare a visitor management plan showing the earmarked visitor route. | Within One year | | चिड़ियाघर में आने वाले पर्यटकों के लिये Visitor management Plan तैयार किया जा रहा है। |
| 30 | General | Equipment used for Post-mortem and the medicines etc. should not be taken out of the Post-mortem room, Separate almirah should be provided to keep these items in Post-mortem room. | With immediate effect | | पोस्टमार्टम कक्ष में उपयोग किये जा रहे उपकरण एवं दवाईयों को वही एक दिवाल पर अलग से आलमारी में रख लिया गया है। |

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

- a. Mammals Wild Boar, Jackal, Hyena, civet, languor, Maquac,
- b. Birds Crow, Eagle, Black kite, Sparrow, Myna, Sikra, Parrot,
- c. Reptiles Python, Cobra, Russell viper, Banded krait, Common krait,

Note :- Attached page no. 01 to 23,


Divisional Forest Officer
Bilaspur Dn. Bilaspur (C.G.)