



Central Zoo Authority  
केन्द्रीय चिड़ियाघर प्राधिकरण

# Sepahijala Zoological Park



Annual Report for the year  
2018-19

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

### **Director's Message:**

The Sepahijala Zoological Park, Tripura is an important tourist destination in Tripura state attracting lakhs of nature lovers every year. Visiting Sepahijala Zoological Park, Tripura leaves an experience of pilgrimage in to nature in to nature. There has been a tremendous effort to maintain its serenity amidst the densely urban conglomeration. Zoo authorities always aimed at exhibition of animals in excellent natural surroundings, aimed at exhibition of animals in excellent natural surroundings, meeting their physical, behavioural and psychological needs, so that animals display their natural behaviour.

Zoo also taken up conservation breeding programs for the four species like spectacled langur, Clouded leopard, binturong and Pig tailed macaque. The project is funded by the Central Zoo Authority, MOEF &CC, New Delhi, India and we are very thankful for their contribution and constant guidance.

Education is another fields, Sepahijala Zoological Park takes up in order to create awareness on the conservation of environment, forest and wildlife. Many of our visitors are children and we believe they could be the ambassador for spreading the message of conservation across.

Our conservation endeavors are not limited within the walls of the zoo but also help save wild animals by taking rescue operations whenever the calls come from the public being only one zoo in entire state. The Sepahijala Zoological Park, Tripura has been playing a great role in animal rescue operation and animal health management. The disciplined zoo staffs are devoted to the animal welfare, security and thrive to provide healthy environment to the animals.

I am proud of the achievement of Sepahijala Zoological Park this past year, and it would not have been possible without a committed team of field officers, veterinarians, biologist, animal keepers and clerical staffs.

We are thankful to Central Zoo Authority, MOEF &CC, New Delhi, India, PCCF & HOF Forest department, Government of Tripura, Chief Wildlife Warden, Forest Department, Government of Tripura, Deputy, District Forest Officer, Sepahijala District for their constant support and guidance in developing Sepahijala Zoological Park.

**Jaymalya Bhattacharjee, TFS**

**Director  
Sepahijala Zoological Park**

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

The story goes that there was a camp of “sepoy” of the then Maharaja of Tripura on the side of marshy area locally called “jala” near existing Forest Training School, Sepahijala. Thereafter, the name of this place was coined as Sepahijala. Earlier, this area was highly rich in wild flora and fauna. With the rapid expansion of population, the pressure on the forest of Sepahijala has been increased resulting gradual diminishing of forest cover. In order to protect this hot spot of biodiversity, an idea of setting up of Bio-complex was mooted and therefore Sepahijala Bio-complex came into existence in the year 1972 with setting up of a Botanical garden and a small Deer Park. The Deer Park was gradually elevated to the status of Zoo.

## 3. **Vision:**

There has been worldwide cry for conservation and protection of Bio-diversity for the very existence of mankind as with the increasing pressure of population, Bio-diversity has been getting depleted day by day. The significant factor is the diminishing of wild animals with great rapidity. The habitat being shrunk rapidly their conservation has become arduous which warns to have conservation in captivity. Sepahijala Zoo is one of such effort where in more than 50 species of wild animals have been kept for conservation and protection.

## 4. **Mission:**

To conserve and breed endangered & rare fauna, particularly the primates of Tripura , Clouded Leopard, Binturong for subsequently restoring the biological attributes and diversity of wildlife in the forests of Tripura in particular and India in general.

- To generate database about the behaviour, breeding, population dynamics and veterinary care of the animals kept in the zoo for helping the conservation of these animals in the long run.
- To educate people about the faunal richness of the state & the country, for their support for conservation of biodiversity in the state and the country.
- To develop Eco-tourism potential for the people of the state.
- Wildlife education and interpretation for the purpose of communicating conservation values to the visiting public for better understanding and appreciation of wildlife and its role in the ecosystem.
- Captive breeding for the purpose of display and exchange with other zoos and rehabilitation of endangered and threatened species.
- Scientific study and Research on animal behaviour, nutrition, reproduction disease etc.
- Recreation for the purpose of providing wholesome, healthy and educational activity to a large number of people by utilizing the natural setting without detriment to any of the preceding objectives.

## 5. Objective:

The Zoo in the initial stage started to provide recreation to the people of the state and accordingly it started its journey in the shape of mini deer park in the year 1972 and gradually the objective kept on changing as per the National Zoo Rule and also as per guideline of Central Zoo Authority and now the main objective of the Zoo is (1) Conservation (2) Education (3) Research & Recreation.

## 6. About us

| S.No.                                  | Particulars                       | Information  |
|--|-----------------------------------|--|
| <b>Basic Information about the Zoo</b> |                                   |  |
| 1                                      | Name of the Zoo                   | Sepahijala Zoological Park   |
| 2                                      | Year of Establishment             | 1972 as Deer park  |
| 3                                      | Address of the Zoo                | Sepahijala Zoological Park<br>Bishalgarh, Sepahijala District, Tripura, Pin-<br>799102 |
| 4                                      | State                             | Tripura  |
| 5                                      | Telephone No.                     | Nil  |
| 6                                      | Fax Number                        | Nil  |
| 7                                      | E-mail address                    | Directorsepahijalazoo@gmail.com  |
| 8                                      | Website                           | <a href="http://www.tripuraforest.co.in">www.tripuraforest.co.in</a>                   |
| 9                                      | Distance from nearest             | Airport: 29km  |
|  |                                   | Railway station: 8km from Bishalgarh murapara  |
|  |                                   | Bus Stand:   |
| 10                                     | Recognition valid up to<br>(date) | 22 <sup>nd</sup> March, 2019   |

| S.No.                                  | Particulars   | Information   |
|--|---|---|
| 11                                     | Category of Zoo   | Medium Zoo  |
| 12                                     | Area (in Hectares)  | 68.0  |
| 13<br>14                               | Number of Visitors(Financial year 2017-18)<br>Visitors" facilities available in Zoo | Adult:172945  |
|  |   | Children: 14394   |
|  |   | Total Foreigners:   |
|  |   | Total Visitors: 187333  |
|  |   | Canteen, Drinking water tank, Rest shed ,Wheel chair, Sitting benches etc                       |
| 15                                     | Weekly Closure Day of the Zoo   | Friday  |
| <b>Management Personnel of the zoo</b> |   |   |
| 16                                     | Name with designation of the Officer in-charge                                      | Shri Jaymalya Bhattacharjee, TFS, Assistantant Conservator of Forests, Govt. of Tripura         |
|  | Name of the Veterinary Officer  | Dr.Swarupmay Majumdar, Veterinary Officer.  |
|  | Name of the Curator   | Shri Zinda Debbarma, Range Officer, Tripura Forest Department                                   |
|  | Name of the Biologist   | Nil   |
|  |   | Sri Chiranjib Debnath for Conservation Breeding Centre of Sepahijala Zoo(2018-19) funded by CZA |
|  | Name of the Education Officer   | Nil   |
| Name of the Compounder/ Lab Assistant  | Nil   |   |
| <b>Owner / Operator of the Zoo</b>     |   |   |
| 17                                     | *Name of the Operator   | Chief Wildlife Warden, Forest Department, Govt. of Tripura                                      |
| 18                                     | Address of the Operator   | Chief Wildlife warden<br>Aranya Bhawan,Pandit Nehru Complex,<br>Gorkhabasti,P.O-Kunjaban        |

| S.No. | Particulars                              | Information                                   |
|-------|--|---|
|       |  | Agartala, Tripura-799006                      |
| 19    | Contact details/Phone number of Operator | 0381-2323779                                  |
| 20    | E-mail address of Operator               | chiefwildlife@gmail.com/Pccftripura@gmail.com |

\* Rule 2(m) of the Recognition of Zoo Rules, 2009.

*“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that\_\_\_\_\_*

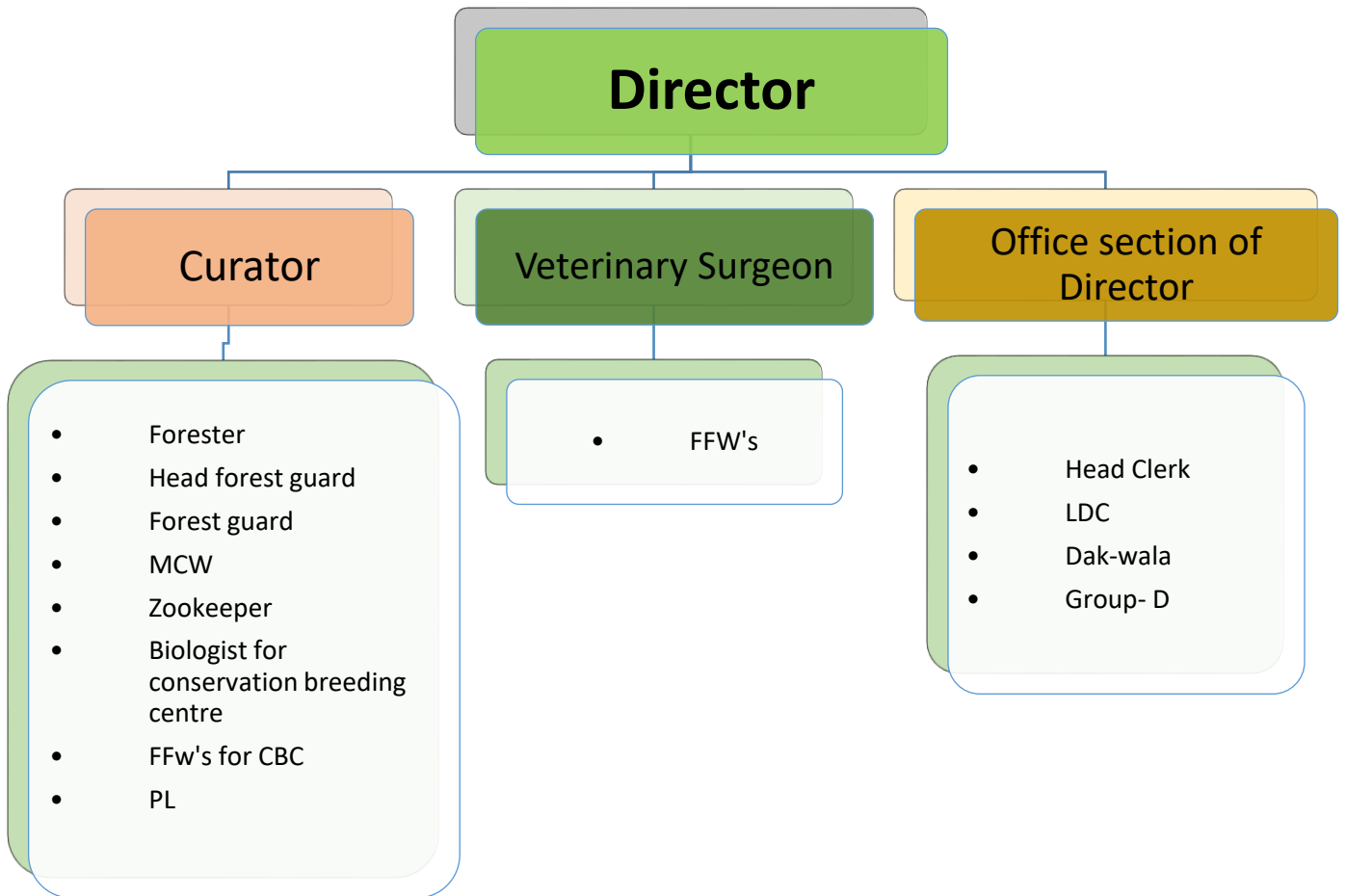
*I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or*

*II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or*

*III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.*



7. **Organizational Chart:**



## 8. Human Resources

### Manpower of the Zoo\*

| SL NO.      | Category of Post              | Total No. Of person working | No. of posts Vacant | Remarks  |
|-------------|-------------------------------|-----------------------------|---------------------|----------|
| 1           | Director ( Rank of DCF)       | 1(ACF)                      | 0                   | DCF Post |
| 2           | Veterinary Surgeon            | 1                           | 1                   |          |
| 3           | Curator                       | 1                           | 0                   | ACF Post |
| 4           | Forest Ranger                 | 0                           | 1                   |          |
| 5           | Forester                      | 3                           | 5                   |          |
|             | Head Forest Guard             | 2                           | 2                   |          |
| 6           | Forest Guard                  | 2                           | 3                   |          |
| 7           | Veterinary Asstt.Surgeon      | 1                           | 1                   |          |
| 8           | Veterinary Assistant          | 0                           | 3                   |          |
| 9           | Pathologist                   | 0                           | 1                   |          |
| 10          | X-ray technician              | 0                           | 1                   |          |
| 11          | Education Officer             | 0                           | 1                   |          |
| 12          | Education Assistant           | 0                           | 1                   |          |
| 13          | Biologist                     | 0                           | 2                   |          |
| 14          | Zoo head keeper               | 0                           | 1                   |          |
| 15          | Zoo Keeper/Forest Farm Worker | 61                          | 38                  |          |
| 16          | Attendant                     | 0                           | 11                  |          |
| 15          | Security Personnel            | 0                           | 15                  |          |
| 18          | Ticket Booking Clerk          | 0                           | 3                   |          |
| 19          | Mason                         | 0                           | 1                   |          |
| 20          | Carpenter                     | 0                           | 1                   |          |
| 21          | Welder                        | 0                           | 1                   |          |
| 22          | Electrician                   | 0                           | 1                   |          |
| 23          | Pump operator                 | 0                           | 2                   |          |
| 24          | Sweeper                       | 0                           | 22                  |          |
| 25          | Permanent Labour              | 13                          | 0                   |          |
| 26          | Head Clerk                    | 1                           | 0                   |          |
| 27          | UDC                           | 0                           | 0                   |          |
| 28          | LDC                           | 5                           | 0                   |          |
| 29          | Driver                        | 1                           | 0                   |          |
| 30          | Dakwala                       | 1                           | 0                   |          |
| 31          | MCW                           | 2                           | 0                   |          |
| 32          | CCACC                         | 0                           | 0                   |          |
| Grand Total |                               | 100                         | 113                 |          |

\*Please give abovementioned information in respect of all zoo personnel, from the Officer in-charge up to the Animal Keeper.

## 9. Capacity Building of zoo personnel

| Sl.No. | Name and designation of the zoo personnel | Subject matter of Training | Period of Training | Name of the Institution where the Training attended |
|--------|---|----------------------------|--------------------|---|
| 1      | Nil                                       | Nil                        | Nil                | 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.

a. Date of constitution- 3<sup>rd</sup> May, 2018 (New Committee of HAC constituted after abolishing old Committee.

b. Members-

1. HOD, Teaching Veterinary Clinical Complex.
2. HOD, Surgery.
3. HOD, Medicine.
4. HOD, Animal reproduction and Gynaecology.
5. HOD, Animal Nutrition.
6. HOD, Pathology.

c. Dates on which Meetings held during the year:

**Health advisory Committee meeting hold on 02/07/2018 at Sepahijala Zoo Library, Sepahijala Zoological Park:**

**List of participants:**

- i. The Head of the Deptt. TVC C, Vety. College, R.K. Nagar - Member
- ii. The Head of the Deptt. Vety. Surgery, Vety. College, R.K. Nagar - Member
- iii. The Head of the Deptt. Vety, Medicine, Vety, College, R.K. Nagar - Member
- iv. The Head of the Deptt. ARG, Vety. College, R.K. Nagar - Member
- v. The Head of the Deptt. Animal Nutrition, Vety, College, R.K. Nagar - Member
- vi. The Head of the Deptt. Vety, Pathology, Vety. College, R.K. Nagar - Member
- vii. The District Forest Officer, Sepahijala - Spl Invitee
- viii. The Wildlife Warden, Sepahijala Wildlife Sanctuary - Spl Invitee
- ix. The Superintendent of Vety. Hospital. Bishalgarh - Spl Invitee
- x. The In charge, V. D Charilam - Spl Invitee
- xi. Dr. Arurava Sarkar, VO, VD, Bishramganj - Spl Invitee
- xii. Chiranjib Debnath, Biologist, Sepahijala Zoological Park - Spl Invitee
- xiii. Dr. Keshab Debnath, I/c. Zoo Hospital, Sepahijala Zoo - M.S
- xiv. Shri V. Darlong, Curator, Sepahijala Zoological Park - Member
- xv. Shri Naresh Jamatia, Director, Sepahijala Zoological Park - Chairman

**Health advisory Committee meeting hold on 18/12/2018 at Sepahijala Zoo Library, Sepahijala Zoological Park:**

**List of participants:**

- |   |               |
|---|---------------|
| i. The Head of the Deptt. TVC C, Vety. College, R.K. Nagar              | - Member      |
| ii. The Head of the Deptt. Very. Gyneacology, Vety. College, R.K. Nagar | - Member      |
| iii. The Head of the Deptt. Very, Medicine, Vety, College, R.K. Nagar   | - Member      |
| iv. The Head of the Deptt. ARG, Very. College, R.K. Nagar               | - Member      |
| v. The Head of the Deptt. Vety, Microbiology, Vety, College, R.K. Nagar | - Member      |
| vi. The Head of the Deptt. Vety, Pathology, Vety. College, R.K. Nagar   | - Member      |
| vii. The Wildlife Warden, Sepahijala Wildlife Sanctuary                 | - Spl Invitee |
| viii. The In charge, V. D Charilam                                      | - Spl Invitee |
| ix. Shri V. Darlong, Curator, Sepahijala Zoological Park                | - Spl Invitee |
| x. Dr. Arurava Sarkar, I/c, FVH, Sepahijala Zoological Park             | - M.S         |
| xi. Shri Naresh Jamatia, Director, Sepahijala Zoological Park           | - Chairman    |

**Health advisory Committee meeting hold on 22/02/2019 at Sepahijala Zoo Library, Sepahijala Zoological Park:**

**List of participants:**

- |   |               |
|---|---------------|
| j. The Head of the Deptt. TVC C, Vety. College, R.K. Nagar              | - Member      |
| ii. The Head of the Deptt. Vety. Surgery, Vety. College, R.K. Nagar     | - Member      |
| iii. The Head of the Deptt. Vety, Medicine, Vety, College, R.K. Nagar   | - Member      |
| iv. The Head of the Deptt. ARG, Very. College, R.K. Nagar               | - Member      |
| v. The Head of the Deptt. Animal Nutrition, Vety, College, R.K. Nagar   | - Member      |
| vi. The Head of the Deptt. Vety, Pathology, Vety. College, R.K. Nagar   | - Member      |
| vii. The District Forest Officer, Sepahijala                            | - Spl Invitee |
| viii. The Wildlife Warden, Sepahijala Wildlife Sanctuary                | - Spl Invitee |
| ix. The Superintendent of Vety. Hospital. Bishalgarh                    | - Spl Invitee |
| x. The Veterinary Officer, Veterinary Dispensary, Charilam, Tripura     | - Spl Invitee |
| xi. The Veterinary Officer, Veterinary Dispensary, Bishramganj, Tripura | - Spl Invitee |
| xii. The Biologist, CBC, Sepahijala Zoological Park                     | - Spl Invitee |
| xiii. The Veterinary Officer-in-Charge, Forest Veterinary Hospital      | - M.S         |
| xiv. Director, Sepahijala Zoological Park                               | - Chairman    |

**12. Statement of income and expenditure of the Zoo:**

| SL No. | Financial Year | Total Income( Rs. in Lakhs) | Remarks                     |
|--------|----------------|-----------------------------|-----------------------------|
| 1      | 2018-2019      | 2630120                     | Deposited to state Treasury |

**Total fund received and expenditure:**

| Sl. No. | Scheme                   | Amount Received (Rs. in lakhs) | Expenditure (Rs. In lakhs) | Balance fund (Rs. In lakhs) | Remarks   |
|---------|--------------------------|--------------------------------|----------------------------|-----------------------------|---|
| 1       | Scheme – 14 (State Plan) | 244.50                         | 244.50                     | 0.00                        | Animal Feeds for Zoo Animals                      |
| 2       | CAMPA                    | 16.70                          | 16.70                      | 0.00                        | For fencing work & maintenance of fire line works |

|                    |                 |               |               |               |  |
|--------------------|-----------------|---------------|---------------|---------------|--|
| 3                  | CZA Fund        | 30.16         | 1.20          | 28.96         | Salary of Biologist & Zoo Keeper                 |
| 4                  | CZA fund        | 182.52        | 57.18         | 125.34        | For Zoo Development                              |
| 5                  | CZA fund        | 6.63          | 0.00          | 6.63          | For Procurement of Veterinary Equipments         |
| 6                  | CSS-PE          | 8.67          | 8.67          | 0.00          | Rescue team, Ex-Gratia, P.Oil etc                |
| 7                  | Scheme -1       | 1.55          | 1.55          | 0.00          | OE,POL,S & Mat & TE                              |
| 8                  | 27- Minor Works | 27.33         | 27.33         | 0.00          | Various development activities & Animal Exchange |
| <b>Grand Total</b> |                 | <b>518.07</b> | <b>357.14</b> | <b>160.93</b> |  |

### 13. Daily feed Schedule of animals:

Feed formulation for Compound Ration of **Emu** as per guidelines of IVRI & CZA

| Sl. No. | Ingredients             | Quantity Percentage |
|---------|-------------------------|---------------------|
| 1       | Wheat Grain             | 20%                 |
| 2       | Wheat Bran              | 12%                 |
| 3       | Yellow Maize            | 30%                 |
| 4       | Ground Nut Cake (G.N.C) | 25%                 |
| 5       | Rice Bran               | 10%                 |
| 6       | Mineral Mixture         | 2%                  |
| 7       | Common salt             | 1%                  |
| 8       | Total                   | 100%                |

Feed formulation for Compound Ration of **Spotted deer, Sambar, Barking Deer, Hog deer, Black Buck, Hippopotamus, Elephant, Rhinoceros** as per guidelines of IVRI & CZA

| Sl. No. | Ingredients               | Quantity Percentage |
|---------|---------------------------|---------------------|
|         | Wheat Grain               | 19%                 |
| 2       | Wheat Bran                | 14%                 |
| 3       | Yellow Maize              | 25%                 |
| 4       | Ground Nut Cake (G.N.C)   | 14%                 |
| 5       | Mustered Oil Cake (M.O.C) | 10%                 |
| 6       | Rice Bran                 | 15%                 |
| 7       | Mineral Mixture           | 2%                  |

|   |                     |      |
|---|---------------------|------|
| 8 | Common Iodized Salt | 1%   |
| 9 | Total               | 100% |

### Feeding Schedule of Sepahijala Zoo Animal's as per guidelines of IVRI & CZA

| Sl. No. | Species  | Feed Items with quantity/day/individual   | Day of fasting |
|---------|--|---|----------------|
| 1       | Himalayan Black Bear<br>( <i>Ursus thibetanus</i> )          | Chapa Banana- 06 Nos.<br>Apple- 250 gm<br>Grapes- 100 gm<br>Vegetable- 01 kg<br>Gomati toned milk- 500 ml<br>Wheat flour- 01 kg<br>Boiled egg- 01 Nos.<br>Fresh dead fish- 300 gm (Wednesday)<br>Green leaves- 01 kg<br>Local poultry fowl- 1.125 kg (Avg.)<br>(on last Friday of each month)<br>Sugarcane- 02 kg (Dec-Feb)<br>Honey- 500 gm (January)<br>Jackfruit- 02 kg (June-August)<br>Black berry- 500 gm (June-July)<br>Sweet potato- 300 gm (Feb-Mar) | Not applicable |
| 2       | Deer Barking (Kakar)<br>( <i>Muntiacus muntjak</i> )         | Compound Ration:- 01 Kg<br>Black Gram:- 200 Kg<br>Green Vegetable:- 250 Gm<br>Green Grass:- 02 Kg   | Not applicable |
| 3       | Binturong<br>( <i>Arctictis binturong</i> )                  | Chapa Banana: - 06 Nos.<br>Apple: - 200 Gm<br>Grapes:- 100 Gm<br>Green Vegetable:- 700 Gm<br>Boiled Egg:- 01 No. (Weekly 06 days)<br>Dressed Poultry Meat:- 200 Gm ( Weekly once)<br>Bengal Gram:- 100 Gm<br>Local country fowl:- AVG. 850 GM (On last Friday of each month)  | Not applicable |
| 4       | Black Buck (Krishna Mriga)<br>( <i>Antelope cervicapra</i> ) | Deer Ration:- 500 Gm<br>Soaked Gram:- 250 Gm<br>Green Fodder:- 02 Kg  | Not applicable |
| 5       | Capped Langur<br>( <i>Trachypithecus pileatus</i> )          | Chapa Banana: - 08 Nos.<br>Apple:- 100 Gm<br>Grapes:- 100 Gm<br>Green Vegetable (Carat, Bean etc.) :- 250 Gm<br>Bangle Gram:- 100 Gm  | Not applicable |

|    |   |  |                                    |
|----|---|--|------------------------------------|
|    |   | Bread:- 50 Gm<br>Fodder & Leaves:-01 Kg  |                                    |
| 6  | Clouded Leopard<br>( <i>Neofelis nebulosa</i> )                     | Local country fowl:- Avg. 1.5 Kg (on every alternate day)  | Every alternate day                |
| 7  | Civet Himalayan Palm / Masked ( <i>Paguma larvata</i> )             | Live local Poultry Bird:-Avg. 0.6 Kg (On last Friday of each month)  | Not applicable                     |
| 8  | Civet Common Palm - Cat Toddy ( <i>Paradoxurus hermaphroditus</i> ) | Dressed Poultry Meat:- 300 Gm (Weekly once. (No egg on that day)<br>Chapa Banana: - 05 Nos. (Weekly 06 days)<br>Apple:- 50 Gm (Weekly 06 days)<br>Boiled egg:- 01 No.(Weekly 06 days)<br>Grapes:-100 Gm (Weekly 06 days)   | Not applicable                     |
| 9  | Crocodile Marsh (Mugger ) ( <i>Crocodylus palustris</i> )           | She Goat Meat/Dress Poultry Meat:- 01 Kg (Meat and live fish on alternate date)<br>Alive Fish:- 01 Kg  | Not applicable                     |
| 10 | Eagle Fishing ( <i>Haliaeetus leucoryphus</i> )                     | Fresh Dead Fish:- 0.3 Kg (03 days weekly)<br>Dressed Poultry Meat:- 0.3 Kg (04 days weekly)  | Not applicable                     |
| 11 | Indian Elephant ( <i>Elephas maximus</i> )                          | Chapa Banana: - 25 Nos.<br>Bengal Gram:- 04 Kg<br>Wheat Flour:- 06 Kg Weekly 03 Days<br>Paddy/Compound Ration:-08 Kg(Weekly Once)<br>Rice:- 06 Kg (Weekly 03 Days)<br>Banana Plant:- 300 Kg<br>Green Mug:- 04 Kg 12 Kg 384.3 Kg<br>Molasses:- 500 Gm (Except December-February)<br>Common Salt: 150 Gm<br>Sugarcane:- 10 Kg (December-February)<br>Green Leaves: 50 Kg<br>Hay: 50 Kg | Not applicable                     |
| 12 | Emu ( <i>Dromaius novaehollandiae</i> )                             | Chapa Banana: - 04 Nos.<br>Bread:- 250 Gm<br>Cabbage:- 100 Gm<br>Palak Shak/Papaya:- 400 Gm<br>Bengal Gram:- 100 Gm<br>Compound Ration:- 600 Gm  | Not applicable                     |
| 13 | Fishing Cat ( <i>Prionailurus viverrinus</i> )                      | Live local Poultry bird :- Avg. 0.625 Kg (On last Friday of each month)<br>Dressed poultry meat:- 01 Kg (Consecutive 02 days and 01 day gap)   | 1 day fasting after 2 days feeding |
| 14 | Vulture Himalayan Griffon ( <i>Gyps himalayensis</i> )              | Dress Poultry meat:- 0.5 Kg (Only Flesh)   | Not applicable                     |
| 15 | Hippopotamus ( <i>Hippopotamus amphibius</i> )                      | Compound Ration:- 10 Kg<br>Potato:- 02 Kg<br>ChapaBanana:- 2.5 Kg (40 Nos.)<br>Wheat Bhusa/Paddy Bhusa/Paddy Staw:-12  | Not applicable                     |

|    |   |  |                                    |
|----|---|--|------------------------------------|
|    |   | Kg<br>Sugarcane:- 12 Kg (Seasonal)<br>Brinjal/Mixed Vegetable:- 10 Kg<br>Cucumber:- 2.5 Kg<br>Green grass:- 175 Kg   |                                    |
| 16 | Hog Deer ( <i>Axis porcinus</i> )                           | Compound Ration:- 500 Gm<br>Soaked Gram:- 250 Gm<br>Green Fodder:- 02 Kg   | Not applicable                     |
| 17 | Hollock Gibbon<br>( <i>Bunopithecus hoolock</i> )           | Chapa Banana: - 10 Nos.<br>Apple: - 150 Gm<br>Green Vegetable (Carat, bean etc.): - 250 Gm<br>Boiled Egg: - 02 Nos.<br>Grapes:- 100 gm   | Not applicable                     |
| 18 | Hornbill Indian Pied<br>( <i>Anthracoeros malabaricus</i> ) | Chapa Banana; - 03 Nos.<br>Apple:- 50 Gm<br>Grapes:- 50 Gm<br>Boiled Rice:- 50 Gm<br>Insect/ Earthworm/Small Prawn:- 50 Gm   | Not applicable                     |
| 19 | Peafowl<br>( <i>Pavo cristatus</i> )                        | Paddy:-50 Gm<br>Wheat: - 50 Gm<br>Chapa Banana: - 02 Nos.<br>Apple:- 200 Gm<br>Bangle Gram:- 50 Gm<br>Mustard Seed:- 20 Gm<br>Dry Fish Meal:- 20 Gm<br>Rice:- 50 Gm<br>Grapes:- 100 Gm | Not applicable                     |
| 20 | Jackal<br>( <i>Canis aureus</i> )                           | Live local Poultry Bird:- Avg. 0.875 Kg (On last Friday of each month)<br>Beef:- 01 Kg (80% Flesh & 20% Bone)<br>She Goat meat:- 01 Kg   | 1 day fasting after 2 days feeding |
| 21 | Jungle Cat ( <i>Felis chaus</i> )                           | Live local Poultry bird:- Avg. 0.625 Kg (On last Friday of each month)<br>Dressed poultry meat:- 0.5 Kg (Consecutive 02 days and 01 day gap)   | 1 day fasting after 2 days feeding |
| 22 | Leopard Cat<br>( <i>Prionailurus bengalensis</i> )          | Live local Poultry Bird:- Avg. 0.6 Kg (On last Friday of each month)<br>Dressed Poultry Meat:- 0.4 Kg (Consecutive 02 days and 01 day gap)   | 1 day fasting after 2 days feeding |
| 23 | Leopard ( Panther) ( <i>Panthera pardus</i> )               | Live local Poultry Bird:- Avg. 1.125 Kg (On last Friday of each month)<br>Beef:- 03 Kg (90 % Flesh & 10 % Bone<br>Weekly 06 days)  | Friday of week                     |
| 24 | Lion Indian<br>( <i>Panthera leo persica</i> )              | Live Local Bird :- Avg. 1.375 Kg (Only on last Friday of each month)<br>Beef:-09 Kg ( 90% flesh & 10 % bone,<br>Weekly 06 days)  | Friday of week                     |
| 25 | Rhesus Macaque ( <i>Macaca mulatta</i> )                    | Chapa Banana: - 06 Nos.<br>Apple:- 100 Gm<br>Grapes:- 100 Gm<br>Vegetable (Carat, Bean etc.): - 250 Gm<br>Bengal Gram:- 100 Gm   | Not Applicable                     |



|    |   |   |                |
|----|---|---|----------------|
|    |   | Bread:- 50 Gm   |                |
| 26 | Monitor Water Lizard<br>( <i>Varanus salvator</i> )                 | Poultry Meat 150 Gm   | Not Applicable |
| 27 | Monitor Lizard /<br>Common Indian<br>( <i>Varanus bengalensis</i> ) |   | Not Applicable |
| 28 | Owl Brown Fish<br>( <i>Ketupa zeylonensis eschena</i> )             | Fish Medium Size:- 150 Gm<br>Dressed Poultry Meat:- 150 Gm  | Not Applicable |
| 29 | Pelican Rosy<br>/ White<br>( <i>Pelecanus onocrotalus</i> )         | Big Fish (Size 200-500 gm of each)<br>Preferably Mrigal and Raghu:- 01 Kg   | Not Applicable |
| 30 | Macaque Pig Tailed<br>( <i>Macaca leonina</i> )                     | Chapa Banana: - 7 Nos.<br>Apple:- 100 gm<br>Grapes:- 50 Gm<br>Green Vegetable (Carat, Bean):-250 Gm<br>Bangle Gram:- 100 Gm<br>Bread:- 50 Gm<br>Fodder & Leaves:- 01 Kg | Not Applicable |
| 31 | Heron Pond ( <i>Ardeola grayii</i> )                                | Small Fish & Prawn @ 70% and Snail and<br>Molasses @ 30%:- 200 Gm   | Not Applicable |
| 32 | Porcupine Indian ( <i>Hystrix indica</i> )                          | Chapa Banana:- 05 Nos.<br>Apple:- 100 Gm<br>Green Vegetable:- 150 Gm<br>Bengal Gram:- 100 Gm<br>Arum Root:-100 Gm (Seasonal)  | Not Applicable |
| 33 | Python Indian -Rock<br>( <i>Python molurus</i> )                    | Live local Poultry bird:- 01 No. of 01 Kg   | Not Applicable |
| 34 | Fowl Jungle Red<br>( <i>Gallus gallus</i> )                         | Paddy:- 100 Gm<br>Wheat:- 50 Gm<br>Dry Fish Meal:- 10 Gm<br>Mustard Seed:- 20 Gm<br>Rice:- 50 Gm  | Not Applicable |
| 35 | Deer Sambar ( <i>Rusa unicolor</i> )                                | Compound Ration:- 01 Kg<br>Soaked Bengal Gram:- 500 Gm<br>Green Vegetable:- 800 Gm<br>Green Fodder:- 07 Kg<br>Fodder & Leaves:-01 Kg                                    | Not Applicable |
| 36 | Loris Slow<br>( <i>Nycticebus bengalensis</i> )                     | Chapa Banana: - 02 Nos.<br>Apple: - 50 Gm<br>Egg:- 02 Nos.<br>Grapes:- 50 Gm  | Not Applicable |
| 37 | Monkey<br>Spectacled Leaf<br>( <i>Trachypithecus phayrei</i> )      | Chapa Banana 7 Nos.<br>Apple 100 Gm<br>Grapes 100 Gm<br>Vegetable 250 Gm<br>Bangle Gram 100 Gm<br>Bread 50 Gm   | Not Applicable |
| 38 | Spotted Deer ( <i>Axis axis</i> )                                   | Compound Ration:- 01 Kg<br>Black Gram:- 200 Gm  | Not Applicable |

|    |   |  |                     |
|----|---|--|---------------------|
|    |   | Green Grass:- 05 Kg  |                     |
| 39 | Stork Adjutant (lesser)<br>( <i>Leptoptilos javanicus</i> )   | Medium size Fish @ 50-100 Gm each) 500 Gm  | Not Applicable      |
| 40 | Tortoise elongated<br>( <i>Indotestuda elongata</i> )   | Chapa Banana: - 01 No.<br>Rice:- 25 Gm<br>Chopped Vegetable:- 50 Gm<br>Dressed poultry meat:- 500 gm   | Not Applicable      |
| 41 | Turtle Fresh Water/ Indian Soft-shelled/Indian Flap shell Turtle<br>( <i>Lissemys punctata punctata</i> ) |  | Not Applicable      |
| 42 | Turtle Peacock marked Soft-shelled<br>( <i>Nilssonia hurum</i> )  |  | Not Applicable      |
| 43 | Black Soft-shell Turtle<br>( <i>Nilssonia nigricans</i> )   |  | Not Applicable      |
| 44 | Turtle Spotted Black/Pond<br>( <i>Geoclemys hamiltonii</i> )  |  | Not Applicable      |
| 45 | Turtle Indian Roofed<br>( <i>Pangshura tecta</i> )  |  | Not Applicable      |
| 46 | Vulture White Backed – Bengal ( <i>Gyps bengalensis</i> )   | Dressed poultry meat:- 500 gm  | Not Applicable      |
| 47 | Teal Lesser Whistling<br>( <i>Dendrocygn javanica</i> )   | Small fish & Prawn @ 70% and 30% & Snail and Molasses @70% & 30%:- 200 Gm  | Not Applicable      |
| 48 | Ibis White ( <i>Threskiornis melanocephalus</i> )   | Small fish & Prawn @ 70% and 30% & Snail and Molasses @ 70% & 30%:- 200 Gm   | Not Applicable      |
| 49 | Serow ( <i>Capricornis sumatraensis</i> )   | Compound Ration:- 01 Kg<br>Black Gram:- 200 Gm<br>Green Grass:- 05 Kg  | Not Applicable      |
| 50 | Eagle Crested Serpent ( <i>Spilornis cheela</i> )   | Dressed poultry meat:- 500 gm  | Not Applicable      |
| 51 | Eagle Fishing ( <i>Haliaeetus leucoryphus</i> )   |  |                     |
| 52 | Common Langur ( <i>Semnopithecus entellus</i> )   | Chapa Banana: )8 nos. Apple:-100gm, Bengal gram:- 100gm. Grapes:- 100gm, Vegetables:- 250gm, Green Leaves:- 1kg.   | Not Applicable      |
| 53 | Silver Pheasant ( <i>Lophura nycthemera</i> )   | Paddy: - 50 Gm<br>Wheat:- 50 Gm.<br>Chapa Banana:- 01 nos.<br>Apple:- 50 Gm.<br>Boiled Egg:- 01 nos.<br>Dry fish meal:- 10 Gm.                           | Not Applicable      |
| 54 | Tiger Bengal ( <i>Panthera tigris</i> )   | Beef (90% Flesh & 10% Bone):- 6.5 Kg (Weekly 06 days)<br>Poultry Meat :-2.5 Kg<br>Live local Poultry bird:- 01 No 1.75 Kg (On last Friday of each month) | Friday of each week |

#### 14. Vaccination Schedule of animals

| Sl.No. | Species         | Disease vaccinated for  | Name of the Vaccine and dosage/ quantity used | Periodicity    | Remarks |
|--------|-----------------|---|---|----------------|---------|
| 1      | All Lesser cats | Feline panleucopenia<br><br>Feline rhinotracheitis<br><br>Feline calcivirus | Feligen CRT,<br>1 dose/animal, SC/IM          | Once in a year |         |

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

| Sl.No. | Species         | Drug used  | Month                              |
|--------|-----------------|--|------------------------------------|
| 1      | All Zoo animals | Albendazole<br>Fenbendazole<br>Ivermectine<br>Piperazine<br>Praziquantel<br>Pyrental pamoate | Once in 3 months (Feb-May-Aug-Nov) |

#### 16. Disinfection Schedule

| Sl.No. | Species         | Type of enclosure | Disinfectant used and method   | Frequency of disinfection |
|--------|-----------------|-------------------|--|---------------------------|
| 1      | All Zoo animals | All enclosure     | 1% potassium Permanganet solution as foot bath dip at Zoo entrance and at enclosure entrance to reduce entry of germs on daily basis is practiced. | Daily                     |
|        |                 |                   | All the utensils, water pots etc are cleaned in a solution of 1% Khorsolin Th ® on weekly basis.   | Weekly                    |
|        |                 |                   | 0.5% Khorsolin Th solution (250ml Khorsolin in 50 liter water) used as a house spray once a month.   | Monthly                   |
|        |                 |                   | All the water storage are cleaned once in 15 days  | Fortnightly               |
|        |                 |                   | Application of quicklime with Bleaching powder on pavements is carried out once in 3 months.   | Once in 3 months          |

|  |  |  |   |            |
|--|--|--|---|------------|
|  |  |  | Pits specially for depositing the waste material, fecal material, food etc are made at specific areas and are in use, | Frequently |
|--|--|--|---|------------|

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

| Sl No | Name              | DESIGNATION | DATE OF HEALTH CHECKUP | FINDINGS OF HEALTH CHECKUP    |
|-------|-------------------|-------------|------------------------|-------------------------------|
| 1     | Akbar Khan        | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 2     | Digendra Marak    | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 3     | Jogesh Debbarma   | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 4     | Alfo Mia          | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 5     | Pradip Bhowmik    | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 6     | Kohilo Marak      | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 7     | Abdul Hasem       | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 8     | Dulal das         | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 9     | Bidhu Marak       | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 10    | Nimai Debnath     | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 11    | Nripendra Bhowmik | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 12    | Krishna Shil      | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 13    | Parimal Deb       | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 14    | Swadesh Marak     | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 15    | Akash Mia         | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 16    | Nibash Marak      | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 17    | Abdul Hakim       | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 18    | Kajal Deb         | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 19    | Abu Taher         | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 20    | Khudeja Begam     | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 21    | Taijul Islam      | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |
| 22    | Rajesh Deb        | Zoo Keeper  | 28/09/2018             | Negative for Zoonotic Disease |

|    |                     |            |            |                               |
|----|---------------------|------------|------------|-------------------------------|
| 23 | Ayub Nabi           | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 24 | Aru Kumar Chanda    | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 25 | Faruk Mia           | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 26 | Samshu Mia          | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 27 | Manik Saha          | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 28 | Gita Sukla Das      | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 29 | Saidul Islam        | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 30 | Abu Taher           | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 31 | Nishu Deb           | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 32 | Bharat Chandra Shil | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 33 | Hajera Begam        | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 34 | Meena Deb           | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 35 | Sishu Khan          | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 36 | Mamta Begum         | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 37 | Lakhi Debnath       | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |
| 38 | Sishu Mia           | Zoo Keeper | 28/09/2018 | Negative for Zoonotic Disease |

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

| Sl No. | Work  | Amount (in rupees) | Funding agency |
|--------|---|--------------------|----------------|
| 1      | Construction of chainlink mesh fencing around deer park | 13,440,58.00       | CAMPA fund     |

**19. Education and Awareness programmes during the year:**

| Sl. No. | Date       | Program                     | Number of participants |
|---------|------------|-----------------------------|------------------------|
| 1       | 6/7/2018   | Workshop on NLC             | 22 Nos                 |
| 2       | 9/9/2018   | Educational Tour            | 125 Nos                |
| 3       | 21/10/2018 | Sit and draw                | 112 Nos                |
| 4       | 26/10/2018 | Wildlife Week               | 435 Nos                |
| 5       | 2/11/2018  | State Level Wild life week. | 1200                   |

**20. Important Events and happenings:**

Visit of Hon,ble Governor Sri. Kaptan Singh Solanki.

Inauguration of :

**Jackal Enclosure,**

**Spectacled Langur Enclosure,**

**Emu Enclosure,**

**Pea fowl Enclosure,**

by Hon'ble Minister of Forest In Presence of Dr. Alind Rastogi , PCCF & HoFF, Tripura and Dr. D.K Sharma, CWLW & APCCF, Tripura.

**21. Seasonal special arrangements for upkeep of animals:**

The following winter and summer arrangements are made in Sepahijala Zoological Park during the year.

**Winter Arrangements****1. Birds Enclosure:**

Agro net and clean gunny bag are hanged around the wire mesh from outside especially during the month of November to February First Week during night time.

Bamboo pole in horizontal placing are also provided for the bird enclosure.

## 2. Bear Enclosures:

Paddy Straw are provided inside the enclosure and night shelter areas to keep them warm Supplementary diet like natural honey are provided during the winter season.

## 3. Cat Enclosure:

The top soil of big cat enclosures back kraals are removed and replaced with fresh sand after sprinkling of lime.

Wooden platform has been provided inside the night shelters of all the cats.

## 4. Reptile enclosure:-

In order to ensure proper sunlight to the animals and provide ideal day time basking shady tree branches are pruned and fresh sand bed is prepared within the enclosure.

All the moated enclosures are cleaned and any stagnant water, silt accumulated are removed to keep the area dry and clean. The moat is also treated with lime.

## Primates Enclosure:-

Gunny bag and paddy straw are provided in shelter house.

## **Summer Arrangements**

All carnivores' enclosures are provided with running water round the clock.

Shed are provided above the water tank to keep the water cool and clean specially in crocodile and monitor lizard enclosure.

Temporary shed are provided in primates and herbivore enclosures to protect from intense heat and rainfall during summer season.

## Herbivore Enclosure:

Water tank are provided with running water facilities and temporary shed are made in all the enclosure housing herbivore animals.

Seasonal local fruits rich in mineral and vitamin are supplied to the animals especially during summer season.

## **22. Research Work carried out and publications:**

| Sl no. | Area                   | Status                            |
|--------|------------------------|-----------------------------------|
| 1      | Study on CBC specimens | Report has been submitted to CWLW |



### 23. Conservation Breeding Programme of the Zoo-

Central Zoo Authority, Govt. Of India identified Sepahijala Zoological Park as Coordinating Zoo for taking up Conservation Breeding Programme in respect of four Species-

1. Spectacle Langur (*Trachypithecus phayrei*)
2. Clouded Leopard (*Neofelis nebulosa*)
3. Binturong (*Archictis binturong*)
4. Pig-tailed Macaque (*Macaca leonine*)

The CZA has provided towards construction of CB enclosures one for Clouded leopard (Rs.13.37) Two for Binturong (Rs.23.19) one for spectacle langur (Rs. 13.71 lakhs),one for Pig tailed macaque (Rs.13.71) and project house (Rs.5.27) with total financial involvement of Rs.69.30 lakhs and the construction has been completed during 2008-09.The CZA Team evaluated Conservation Breeding Project at Sepahijala Zoo 30<sup>th</sup> January,2011 and also visited by CZA representative to CB enclosures by Shri B.S. Bonal, IFS, Member Secretary, CZA & Dr. P.C. Tyagi, IFS, WII, Dehradun on 10<sup>th</sup> & 11<sup>th</sup> June,2014.The last visit from the representative of CZA to the CBC enclosures was by Dr. D.N. Singh, Member Secretary, CZA on 15<sup>th</sup>,March,2018.

Status of Animals at Conservation Breeding Centre during the year 2017-18

| SL No. | Category           | Male | Femal e | Unse x | Tota l |
|--------|--------------------|------|---------|--------|--------|
| 1      | Clouded Leopard    | 4    | 3       | 0      | 7      |
| 2      | Spectacled Langur  | 2    | 4       | 10     | 16     |
| 3      | Pig tailed Macaque | 4    | 6       | 7      | 17     |
| 4      | Binturong          | 1    | 1       | 0      | 2      |

### 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      |
|    | Nil                         | Nil     | Nil          | Nil                | Nil                             |
| B. | Animals going from the zoo  |         |              |                    |                                 |
|    | H.NO.                       | Species | Number (M:F) | Going to which Zoo | Date of deposition from the zoo |
|    | Nil                         | Nil     | Nil          | Nil                | Nil                             |

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

| Sl.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      | Rhesus macaque | M   | Sadar Wildlife, West Tripura | 10.06.18                                       | 11.06.18  | Not applicable   |





Part – B

Other than Endangered Species

| Sl. No.               | Animal Name                 | Scientific Name                    | Opening stock as on 01.04.2018 |            |          |            |          |          | Acquisition |          |          |          |          |          | Disposal |          |          |          |          |          | Death    |          |          |          |          |          | Closing Balance 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             | <i>Gallus gallus</i>               | 1                              | 5          | 0        | 6          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 5          | 0        | 6          |  |  |
| 2                     | Grey-headed Fish Eagle      | <i>Ichthyophaga ichthyaetus</i>    | 1                              | 0          | 0        | 1          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 0          | 0        | 1          |  |  |
| 3                     | Spotted Dove                | <i>Spilopelia chinensis</i>        | 1                              | 0          | 0        | 1          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 0          | 0        | 1          |  |  |
| 4                     | Pond Heron                  | <i>Ardeola sp.</i>                 | 1                              | 1          | 0        | 2          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 1          | 0        | 2          |  |  |
| 5                     | Indian White Ibis           | <i>Threskiornis melanocephalus</i> | 0                              | 1          | 0        | 1          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                                | 1          | 0        | 1          |  |  |
| 6                     | Rosy Pelican                | <i>Pelecanus onocrotalus</i>       | 2                              | 1          | 0        | 3          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2                                | 1          | 0        | 3          |  |  |
| 7                     | Lesser Adjutant Stork       | <i>Leptoptilos javanicus</i>       | 1                              | 1          | 0        | 2          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 1          | 0        | 2          |  |  |
| 8                     | Lesser Whistling Teal       | <i>Dendrocygna javanica</i>        | 1                              | 1          | 0        | 2          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 1          | 0        | 2          |  |  |
| 9                     | Brown Fish Owl              | <i>Ketupa zeylonensis</i>          | 1                              | 1          | 0        | 2          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 1          | 0        | 2          |  |  |
| 10                    | Crested Serpent Eagle       | <i>Spilornis cheela</i>            | 2                              | 1          | 0        | 3          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2                                | 1          | 0        | 3          |  |  |
| 11                    | Emu                         | <i>Dromaius novaehollandiae</i>    | 1                              | 1          | 0        | 2          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 1          | 0        | 2          |  |  |
| 12                    | Silver Pheasant             | <i>Lophura mythemera</i>           | 1                              | 1          | 0        | 2          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 1          | 0        | 2          |  |  |
| <b>Total of birds</b> |                             |                                    | <b>13</b>                      | <b>14</b>  | <b>0</b> | <b>27</b>  | <b>0</b> | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>18</b>                        | <b>17</b>  | <b>0</b> | <b>27</b>  |  |  |
| Sl. No.               | <b>Mammals</b>              |                                    | <b>M</b>                       | <b>F</b>   | <b>U</b> | <b>T</b>   | <b>M</b> | <b>F</b> | <b>U</b>    | <b>T</b> | <b>M</b> | <b>F</b> | <b>U</b> | <b>T</b> | <b>M</b> | <b>F</b> | <b>U</b> | <b>T</b> | <b>M</b> | <b>F</b> | <b>U</b> | <b>T</b> | <b>M</b> | <b>F</b> | <b>U</b> | <b>T</b> | <b>M</b>                         | <b>F</b>   | <b>U</b> | <b>T</b>   |  |  |
| 1                     | Barking Deer                | <i>Muntiacus muntjak</i>           | 5                              | 1          | 0        | 6          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2                                | 1          | 0        | 3          |  |  |
| 2                     | Spotted Deer                | <i>Axis Axis</i>                   | 133                            | 176        | 0        | 309        | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 132                              | 176        | 0        | 308        |  |  |
| 3                     | Indian Porcupine            | <i>Hystrix indica</i>              | 2                              | 2          | 0        | 4          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 2          | 0        | 3          |  |  |
| 4                     | Hog Deer                    | <i>Axis porcinus</i>               | 0                              | 1          | 0        | 1          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                                | 1          | 0        | 1          |  |  |
| 5                     | Sambar                      | <i>Rusa unicolor</i>               | 3                              | 1          | 0        | 4          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3                                | 1          | 0        | 4          |  |  |
| 6                     | Hippopotamus                | <i>Hippopotamus amphibius</i>      | 1                              | 1          | 0        | 2          | 0        | 0        | 0           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                                | 1          | 0        | 2          |  |  |
| <b>Total Mammals</b>  |                             |                                    | <b>144</b>                     | <b>182</b> | <b>0</b> | <b>326</b> | <b>0</b> | <b>0</b> | <b>0</b>    | <b>0</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>4</b> | <b>4</b> | <b>0</b> | <b>139</b>                       | <b>182</b> | <b>0</b> | <b>321</b> |  |  |
| Sl. No.               | <b>Reptiles/ Amphibians</b> |                                    | <b>M</b>                       | <b>F</b>   | <b>U</b> | <b>T</b>   | <b>M</b> | <b>F</b> | <b>U</b>    | <b>T</b> | <b>M</b> | <b>F</b> | <b>U</b> | <b>T</b> | <b>M</b> | <b>F</b> | <b>U</b> | <b>T</b> | <b>M</b> | <b>F</b> | <b>U</b> | <b>T</b> | <b>M</b> | <b>F</b> | <b>U</b> | <b>T</b> | <b>M</b>                         | <b>F</b>   | <b>U</b> | <b>T</b>   |  |  |



|                               |                    |                      |     |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |   |     |
|-------------------------------|--------------------|----------------------|-----|-----|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|---|-----|
| 1                             | Elongated Tortoise | Indotestudo elongata | 2   | 1   | 0 | 3   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0   | 0   | 1 |     |
| Total of Reptiles/ Amphibians |                    |                      | 2   | 1   | 0 | 3   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0   | 0   | 1 |     |
| SN                            | Invertebrate       |                      | 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                             |                    |                      |     |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |   |     |
| Total Invertebrate            |                    |                      |     |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |   |     |
| Total Animals                 |                    |                      | 157 | 195 | 0 | 352 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 6 | 150 | 195 | 0 | 343 |

*Z. Debbarma*  
 Curator Z. Debbarma  
 Sepahijala Zoological Park

*J. Bhattacharjee*  
 Director  
 05-05-2020.

(J. Bhattacharjee, TFS)  
 Director  
 Sepahijala Zoological Park

## 27. Mortality of animals

| Sl.No. | Animal Name<br>(with individual identification mark, if any) | Scientific Name                   | Sex           | Date of Death | Reason of Death as per the Post-mortem report    |
|--------|--|-----------------------------------|---------------|---------------|--|
| 1      | <b>Pig Tailed Macaque</b>                                    | <i>Macaca leonina</i>             | Male, Adult   | 14-4-18       | Intestinal torsion                               |
| 2      | <b>Slow Loris</b>  | <i>Nycticebus bengalensis</i>     | Male, Adult   | 6-4-18        | Septicemia                                       |
| 3      | <b>Hornbill</b>  | <i>Anthracoceros albirostris</i>  | Female, 8yrs  | 16-4-18       | Pneumonia  |
| 4      | <b>Barking Deer</b>  | <i>Muntiacus muntjak</i>          | Female, 17yrs | 10-5-18       | Infighting                                       |
| 5      | <b>Common Palm Civet</b>                                     | <i>Paradoxurus hermaphrodites</i> | Male, Adult   | 28-5-18       | Septicemia & Pneumonia                           |
| 6      | <b>Spectacled langur</b>                                     | <i>Trachypithecus phayrei</i>     | Male, adult   | 29-6-18       | Infighting Injury                                |
| 7      | <b>Red Jungle Fowl</b>                                       | <i>Gallus gallus</i>              | Male, Adult   | 9-7-18        | Pneumonia  |
| 8      | <b>Royal Bengal Tiger</b>                                    | <i>Panthera tigris</i>            | Male, Adult   | 29-7-18       | Tumour of Spleen, organ failure                  |
| 9      | <b>Pig Tailed Macaque</b>                                    | <i>Macaca leonina</i>             | Female, 9yrs  | 5-8-18        | Infighting injury                                |
| 10     | <b>Leopard Cat</b>   | <i>Prionailurus bengalensis</i>   | Female, 6 mo. | 20-8-18       | Gastritis  |
| 11     | <b>Jackal</b>  | <i>Canis sp.</i>                  | Male, 17 yrs  | 12-9-18       | Dehydration due to paralytic condition           |
| 12     | <b>Barking Deer</b>  | <i>Muntiacus muntjak</i>          | Male, 1.5yrs  | 29-11-18      | Pneumonia  |
| 13     | <b>Pig Tailed Macaque</b>                                    | <i>Macaca leonina</i>             | Male, 12yrs   | 17-12-18      | Suppurative Pneumonia                            |
| 14     | <b>Black Buck</b>  | <i>Antelope cervicapra</i>        | Male, 8yrs    | 25-12-18      | Acute Pulmonary congestion with Hepatic necrosis |
| 15     | <b>Fishing Cat</b>   | <i>Prionailurus viverrinus</i>    | Male, 7yrs    | 10-01-19      | Due to hemorrhagic enteritis & dehydration       |
| 16     | <b>Capped Langur</b>   | <i>Trachypithecus pileatus</i>    | Female, 11yrs | 16-01-19      | Parasitic Cattrahhal gastroenteritis             |
| 17     | <b>Pig tailed Macaque</b>                                    | <i>Macaca leonina</i>             | Female, 12yrs | 20-01-19      | Died due to systemic                             |

|    |                      |                                |                 |          |   |
|----|----------------------|--------------------------------|-----------------|----------|---|
|    |                      |                                |                 |          | pyogenic infection leading to multi-organ failure.                                  |
| 18 | <b>Capped langur</b> | <i>Trachypithecus pileatus</i> | Male, 15yrs     | 18-02-19 | Parasitic Catarrhal Gastroenteritis leading to diarrhea and subsequent dehydration. |
| 19 | <b>Spotted Deer</b>  | <i>Axis axis</i>               | Male, 6yrs      | 19-02-19 | Might have died due to Anthrax  |
| 20 | <b>Indian Lion</b>   | <i>Panthera leo</i>            | Female, 27yrs   | 27-02-19 | Might have died due to Ascites and renal failure due to old age                     |
| 21 | <b>Common Langur</b> | <i>Semnopithecus entellus</i>  | Female, 25 yrs. | 12-3-19  | Gastroenteritis   |

**28. Status of the Compliance with conditions stipulated by the Central Zoo Authority:**

| Sr. No                        | Norm No. under RZR, 2009 | Condition Stipulated  | Time Period to Comply | Since when pending | Status with regard to compliance of the conditions  |
|-------------------------------|--------------------------|---|-----------------------|--------------------|---|
| <b>1. General Requirement</b> |                          |   |                       |                    |   |
| 1                             | 10.1(30)                 | There are moated island for housing primates in the zoo. It was advice to take steps for re-modeling of this primate island by dressing the inner side of the moats to make more area available in the Island. Only one side of the island should be opened to the visitors. The three sides can be <b>camouflaged by high hedges or creating barrier</b> so that visitors are not on all the sides | 1 year                |                    | Action Taken for re-modelling of primate islands. High hedges will be planted in next season. |



|   |          |   |                           |  |   |
|---|----------|---|---------------------------|--|---|
|   |          | cornering the animal housed in the island.  |                           |  |   |
| 2   | 10.1(7)  | A waste disposal plan for the zoo should be prepared. Which should include the solid waste disposal and liquid waste disposal and drainage. The disposal of the waste should be environment friendly with minimum stress on the environment   | 1 year                    |  | A Plan will be prepared in consultation with Bishalgarh Municipal council.  |
| 3   | 10.1 (8) | The lions housed in front of the leaf monkeys should be relocated   | 1 year                    |  | Already relocation of leaf monkey has been done in Primate Section.   |
| 4   |          | <b>The fence along the boundary of the zoo should be repaired and maintained regularly</b>  | Immediately and regularly |  | Partially maintenance done & remaining part will be done periodically under CAMPA Scheme.   |
| <b>2. Administrative and Staffing Pattern</b> |          |   |                           |  |   |
| 5   | 10.2(2)  | The zoo should have adequate scientific and technical staffs to support the officer-in-charge of the zoo in carryi9ng out the responsibilities of housing, upkeep and health care of zoo animals, research and visitor education <b>by posting Education officer and Biologist.</b> | 1 year                    |  | Presently Curator is posted and 1(one) Project Biologist for CBC is being engaged & Proposal has been initiated to FHQ for engagement of Education Officer & Zoo Biologist. |
| <b>3. Development &amp; Planning</b>          |          |   |                           |  |   |
| 6   | 10.3(1)  | <b>Preparation of Zoo Master Plan</b> and its Approval by   | Immediately               |  | Preparation of Master Plan is in Progress.  |

|  |         |  |        |  |   |
|--|---------|--|--------|--|---|
|  |         | CZA  |        |  |   |
| 7  | 10.3(3) | All pucca building including the visitor facilities should be planned and located in such a manner that the natural landscape of the zoo has not been masked and the cleanliness and hygiene of the zoo is not affected due to such animal enclosures/structure. | 1 year |  | Initiatives had been taken & since it is a continuous process, it will be done on regular basis.  |
| <b>4. Animal housing, display of animals and animal enclosures</b> |         |  |        |  |   |
| 8  | 10.4(1) | All animals of the Zoo should be displayed in <b>nature immersing (naturalistic) enclosures.</b>   | 1 year |  | While Construction of new enclosures it will be taken into consideration.   |
| 9  | 10.4(2) | There are many caged enclosures in the zoo. It will be appropriate to <b>construct open top enclosures</b> for all these animals like leopard, Binturong, Leaf monkey, hoolock gibbon etc moats should be created on visitor side only                           | 1 year |  | Since the Zoo is within the Sanctuary and rhesus macaque are continuously entering inside the open top enclosure & taking animals feed which ultimately affects the health & management of the animal. However open top enclosure for clouded Leopard has been constructed. |
| 10   | 10.4(2) | The <b>porcupine enclosures should be demolished</b> since the same does not meet CZA's requirement.   | 1 year |  | Proposal for new enclosure will be initiated  |
| 11   | 10.4(2) | Enclosures for <b>Indian pied horn</b> bill do not meet its requirement. The area of the aviary should be extended.  | 1 year |  | Action Taken  |
| 12   | 10.4(3) | For the safety of  | 1 year |  | Action was taken in   |

|    |         |   |             |  |  |
|----|---------|---|-------------|--|--|
|    |         | animals and visitors, the zoo should not allow any animal houses to be visible to the visitor. The same should be screened immediately. The houses should have appropriate locking system and locks.  |             |  | some enclosures with bamboo screen remaining enclosures also will be provided with the same.                                   |
| 13 | 10.4(3) | The animal houses of the CBC should be made safe and secure for the animals and animal's keepers.   | 1 year      |  | Action Taken   |
| 14 | 10.4(6) | All enclosures should be <b>enriched particularly enclosures</b> for common lizards, crocodile and turtles. Sand for basking, submerged water body and place for basking should be provided. The same should be modified keeping in view the requirement of animals. To simulate the conditions, vegetation should be planted inside the enclosures. The enclosure should also be provided wooden logs as environmental enrichment. | 1 year      |  | Some initiative has been taken in existing enclosures & remaining will be taken up when new reptile house will be constructed. |
| 15 | 10.4(9) | The zoo should <b>plant hedge between standoff barrier and the paddock wall</b> in all animal enclosures.   | Immediately |  | Hedge plantation will be taken up in next season.  |
| 16 | 10.4(9) | The zoo should provide <b>warning signage</b> at the animal   | Immediately |  | It has been provided in most of the animal   |

|   |            |  |             |  |  |
|---|------------|--|-------------|--|--|
|   |            | Enclosures   |             |  | enclosures.  |
| 17  | 10.4(9)    | The grills provided on the visitor's side in the Himalayan Black bear enclosures should be removed and suitably designed stand-off barrier and adequate warning signs should be provided for keeping visitor safe distance from the animal enclosures. Similar initiatives should be taken for all other animal enclosures which have not been provided with <b>standoff barrier</b> . | 1 year      |  | For creation of new standoff barrier in Himalayan Black Bear enclosure proposal initiated under CAMPA Scheme.                      |
| 18  | 10.4(10)   | Creation of <b>new signage and replacement</b> of old signage by new signage.  | 1 year      |  |  |
| <b>5. Upkeep and Health Care of Animals</b> |            |  |             |  |  |
| 19  | 10.5(2)(3) | The zoo should have a sufficient size <b>functioning freezer</b> in the meat processing facility for storage of meat product and to keep cold until it fed to the animals.   | Immediately |  | At Present we do not have such large freezers for meat storage. Once the new meat house is constructed, it may be installed there. |
| 20  | 10.5(2)(3) | The Zoo should make arrangement for recording in writing, the detailed observation of the biological behavior, population dynamics and veterinary care of the animals exhibited in the zoo. The data base  | Immediately |  | Record maintained properly at zoo Hospital.  |

|  |            |   |             |  |   |
|--|------------|---|-------------|--|---|
|  |            | may be exchanged with the other zoos as well as the Central Zoo Authority.  |             |  |   |
| 21   | 10.5(2)    | <b>Creation of meat house</b> free from fly and pest free.  | Immediately |  | At present as the meat house is situated very near to the kitchen and store, a new meat house is required to construct away from these two structures giving importance to being fly proof and pest free. |
| <b>6. Veterinary and infrastructure facilities</b> |            |   |             |  |   |
| 22   | 10.6(1)    | The zoo should have independent <b>quarantine and isolation ward</b> at appropriate location so that it functions independently.  | Immediately |  | Proposal for new quarantine & isolation ward has been initiated under CAMPA fund.   |
| 23   | 10.6(1)b   | The zoo should have a <b>full flagged veterinary unit</b> with all basic diagnostic facilities, pharmacy, diagnostic and treatment room, comprehensive range of drugs, operation theatre and in-patient wards. At present, it is not up to the mark at all. | 1 year      |  | Proposal for up gradation of veterinary facilities including maintenance of diagnostic facilities, procurement of drugs etc will be taken up shortly.   |
| 24   | 10.6(1)(g) | The Zoo should have arrangement of reference laboratory support and rapid transportation of diagnostic samples to nearest veterinary institution equipped   | 1 year      |  | Action taken with collaboration with veterinary hospital, R.K.Nagar, Agartala West Tripura.   |

|   |         |  |        |  |   |
|---|---------|--|--------|--|---|
|   |         | with requisite facilities.   |        |  |   |
| 25  | 10.6(3) | Provision for <b>squeeze case for small and large animals</b> should be made   | 1 year |  | Zoo already have squeeze cage for all types of animals and they are in working condition.   |
| 26  | 10.6(3) | Sick animals room needs proper ventilation and enrichment.   | 1 year |  | The Sick animal room or the in- patient facility may need to be constructed keeping in view for more space, better flooring and ventilation with proper enrichment.                                 |
| 27  | 10.6(5) | The zoo should post <b>lab. Assistant and Compounder</b> to assist the Veterinary officer.   | 1 year |  | Presently there is no Lab Assistant and compounder available to help the veterinary Officer & may be posted on deputation. Proposal in this regard has already been initiated to the Director, ARDD |
| <b>7. Acquisition and breeding of animals</b> |         |  |        |  |   |
| 28  | 10.9(4) | Procurement of animal through exchange & pairing of single animals present at the Zoo  | 1 year |  | Action will be taken in this regard.  |
| <b>8. Research Activities</b>                 |         |  |        |  |   |
| 29  | 10(10)  | The zoo should implement a research plan and conduct research works on different aspects of captive wild animals for effective management. |        |  | This aspect is looking after by Project Biologist of CBC.   |
| <b>9. Education and outreach activities</b>   |         |  |        |  |   |
| 30  | 10(10)  | The Zoo should have appropriate signage and  |        |  | Presently Conservation  |

|                               |          |   |  |  |  |
|-------------------------------|----------|---|--|--|--|
|                               |          | interpretation facilities, Souvenir shops etc for carrying out conservation education, outreach and awareness programs  |  |  | education, outreach and awareness programme are being look after by Project Biologist of CBC.      |
| <b>10. Visitor facilities</b> |          |   |  |  |  |
| 31                            | 10.12(1) | Procurement of <b>wheel chairs</b> for the physically disadvantage persons and old & weak person  |  |  | Wheel chair is available in Zoo Ticket Counter for physically challenged persons.                  |
| 32                            | 10.12(3) | The zoo should make arrangement for providing access to the physically challenged persons for viewing wild animals at animal enclosures by arranging <b>Battery operated vehicles</b> . |  |  | Presently two battery operated vehicles is being used from main gate (Sanctuary gate) to Zoo gate. |

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

| Sl. No. | A. Mammals         | B. Birds               | C. Reptiles                 |
|---------|--------------------|------------------------|-----------------------------|
| 1       | Leopard cat        | Jungle fowl            | Monocle Cobra               |
| 2       | Small Indian civet | Wood pecker            | Rat Snake                   |
| 3       | Wild cat           | Indian roller          | Burmese python              |
| 4       | Large Indian Civet | Green barbet           | Red tailed pit viper        |
| 5       | Wild Boar          | Spotted dove           | Monitor lizard              |
| 6       | Porcupine          | Bulbul                 | Banded Krait                |
| 7       | Mongoose           | Drongo                 | Copper headed trinket snake |
| 8       | Palm civet         | Oriental pied Hornbill | Common wolf snake           |
| 9       | Spectacled langur  | Parakeet               | Ornamental flying snake     |
| 10      | Capped langur      | Tailor birds           | Striped keelback            |
| 11      | Slow loris         | Jacana                 | Bronze back tree snake      |
| 12      | Pig tailed macaque | Golden Oriole          | Red necked keelback         |
| 13      | Rhesus macaque     | Little Cormorant       |                             |
| 14      | Barking deer       | Grey Heron             |                             |

|    |  |                              |  |
|----|--|------------------------------|--|
| 15 |  | Little Egret                 |  |
| 16 |  | Common teal                  |  |
| 17 |  | Common Buzzard               |  |
| 18 |  | Lawping                      |  |
| 19 |  | Greater Couckoo              |  |
| 20 |  | Jungle Owlet                 |  |
| 21 |  | White Throated<br>kingfisher |  |
| 22 |  | Barbet                       |  |