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Directorate of Forests
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No. **3651** / T-7 ; Dated, Burdwan, the **09/09/2022**

To : The Central Zoo Authority,
B-1 wing, 6th Floor, Pt Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi - 110003.

Sub: Submission of Annual Report of Bardhaman Zoological Park, Burdwan, State-West Bengal
for the year 2021-22.

Sir,

The Annual Report of Bardhaman Zoological Park, Burdwan, State West Bengal for the year 2021-22 is submitted herewith for favour of kind perusal & necessary action.

Soft copy of the same is being sent through mail.

Yours faithfully,

Ex-officio Director, Bardhaman Zoological Park &
Divisional Forest Officer, Burdwan Division.

Encl. As stated above

No. **3651(1)** / T-7 ; Dated, Burdwan, the **09/09/2022**

Copy with a copy of the report forwarded to the Member Secretary, West Bengal Zoo Authority for
favour of kind perusal & necessary action.

Ex-officio Director, Bardhaman Zoological Park &
Divisional Forest Officer, Burdwan Division.

BARDHAMAN ZOOLOGICAL PARK

RAMNABAGAN, BURDWAN

Annual Report for the year 2021-2022



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Report of the Officer-in-charge

1. History of the Zoo

Bardhaman Zoological Park erstwhile Ramnabagan Mini Zoo has been developed within the Ramnabagan Wild Life Sanctuary, a natural forest patch flourished during the feudal reign of Rajas and Maharajas of Bardhaman Taluk. After the promulgation of Estate Acquisition act, it was handed over to the Forest Department of West Bengal for management. The area was declared as reserved forests vide Notification No. 2275-For. Dt. 07.06.1960. In the year 1978, a Deer Park with the introduction of 6 nos. of deer was established in this reserve forest patch. Subsequently, the whole area of 14.724 ha. has been declared as Wild Life Sanctuary vide G.O. No. 4345/For-11B-7/80 dt. 30.09.1981.

As per the provisions laid down in Wild Life Protection Act, 1972 (Amended), it is mandatory to obtain permission for setting up of any rescue center or zoo from Central Zoo Authority, Govt. of India. Accordingly, as per statutory application submitted for the purpose, Ramnabagan Wild Life Sanctuary was recognised as a Mini Zoo vide Central Zoo Authority's memo number F. No. 22-67/2004-CZA(473)(M) dt. 10.02.2006. Renewal of recognition to the Bardhaman Zoological Park, Ramnabagan, Burdwan as a small category zoo has been granted upto 27.09.2020 and extended up to 19.08.2021 vide CZA's File No. 7-10/2020-CZA(PART-I) dt. 25.08.2020 due to COVID-19 pandemic situation. Application with requisite fees of of Rs. 10,000/- (Rupees ten thousand) for renewal of recognition beyond 27.09.2020 has been sent to CZA vide this office No. 194/R-13 dt. 18.01.2021 and application for renewal of recognition beyond 19.08.2021 with requisite fees of Rs. 10,000/- (Rupees ten thousand) has been submitted to Central Zoo Authority vide this office No. 1361/R-13 dt. 25.06.2021..

Area : The total area of Bardhaman Zoological Park is 14.044 ha. located in mouza Baburbag, J.L. No.40, P.S. Burdwan (Sadar) within the municipal limits of Burdwan town (Longitude – 87.30⁰ east, Latitude – 23.15⁰ north and mean sea level – 20 m.) Soil is alluvial plain of Western Gangetic basin. Topography is flat.

2. VISION

The vision of the Bardhaman Zoological Park, Bardhaman is to provide a glimpse of wild animals and birds of the Gangetic plains to the general public for developing a healthy relationship between animals and human beings.

3. MISSION

The mission of the Bardhaman Zoological Park, Bardhaman is conservation of representative wild animals of the Gangetic plains and to aware the general public on sustainable conservation of wild fauna which are under severe threat due to biotic interference.

4. Objective

- i) Conservation education and awareness generation of endangered spp. among general people to develop a healthy relationship between animals and human being.
- ii) Research & education by college and university students of Bardhaman University situated close to the Zoological Park.
- iii) To maintain gene pool of wild animals and birds.
- iv) To provide a safe abode temporarily to the rescued wild animals, confiscated, injured, orphaned and sick animals to release afterwards in nature.
- v) To protect animals from immediate and impending danger to their lives.
- vi) For research on the various aspects of ecology and behaviour of wild animals.

5. About us

<u>Basic Information about the Zoo</u>		
S.No.	Particulars	Information
1	Name of the Zoo	Bardhaman Zoological Park (erstwhile Ramnabagan Zoo, Small Category),Burdwan
2	Year of Establishment	2006
3	Address of the Zoo	Bardhaman Zoological Park Ramnabagan P.O. Rajbati Dist. Purba Bardhaman Pin – 713 104
4	State	West Bengal
5	Telephone Number	0342 - 2950507
6	Fax Number	0342 - 2950507
7	E-mail address	dfobdn@yahoo.co.in & dfobdn-wb@nic.in
8	Website	Not exists
9	Distance from nearest	Airport: 110 km.
		Railway Station: 3 km.
		Bus Stand: 2 km.
10	Recognition Valid upto (Date)	Recognition renewed upto 27.09.2020, extended up to 19 th August, 2021 vide CZA's File No. 7-10/2020-CZA(PART-I) dt. 25 th August, 2020 due to COVID-19 pandemic situation. Formal applications for renewal of recognition beyond the above periods with requisite fees have been submitted to Central Zoo Authority vide this office No. 194/R-13 dt. 18.01.2021 and No. 1361/R-13 dt. 25.06.2021.
11	Category of zoo	Small Category Zoo
12	Area (in Hectares)	14.044 ha. (As per approved Master Lay-out Plan)
13	Number of Visitors (Financial Year 2021-22)	Adult :74,421
		Children :6,130
		Total Indian :80,551
		Total Foreigners : Nil
		Total Visitors: 80,551

S.No.	Particulars	Information
14	Visitors' Facilities Available in Zoo	<p>a. There are two big umbrellas and quite a good number of benches for the visitors to take rest</p> <p>b. Urinals / toilets are also there to use for the visitors separately for gents and ladies.</p> <p>c. For the entertainment of children, construction of a small children park with swings, slopes etc. are felt absolutely necessary. In this context there is a provision for creation of a Central Park with a Food Court in the approved Master Lay-out Plan. Work of food court is being executed.</p> <p>d. Drinking water supply facility and road network within the zoo are available, but it needs to be improved.</p> <p>e. As per approved Master Lay Out Plan, landscaping and beautification with a Central Park & Food Court has been approved. The work of the same is going on and will be completed soon.</p> <p>f. Visitors' amenities to be enhanced and of course new road net work is needed for new enclosures in future which is in the master lay out plan and being undertaken. Visitors' circulation is also under development programme.</p> <p>g. A watch tower with 65' height at the northern side of the zoo is built to have a bird's eye view of the surrounding forest patch with the captive and free living animal species as well as the adjacent urban localities to the visitors (Now not in operation).</p> <p>h. An Interpretation Centre is there within the Zoo premises with models and captions to make people aware towards conservation and protection of wild life and forest with special focus on Gangetic plans.</p> <p>i. Wheel chair for Divyang is available in the zoo.</p>
15	Weekly Closure Day of the Zoo	Thursday

Management Personnel of the zoo

S.No.	Particulars	Information
1	Name with designation of the Officer in-charge	Miss. Nisha Goswami, IFS Ex-officio Director, Bardhaman Zoological Park & Divisional Forest Officer, Burdwan Division.
2	Name of the Veterinary Officer	Shri Tapan Kumar Ghosh, V.O. (Contractual)

S.No.	Particulars	Information
3	Name of the Curator	Shri Somnath Chowdhury, WBFS, Asstt. Divisional Forest Officer, Burdwan Division is the curator of the Bardhaman Zoological Park in addition to his own charge as ADFO/Burdwan Divn.
4	Name of the Biologist	Vacant
5	Name of the Education Officer	Vacant
6	Name of the Compounder/ Lab Assistant	Vacant

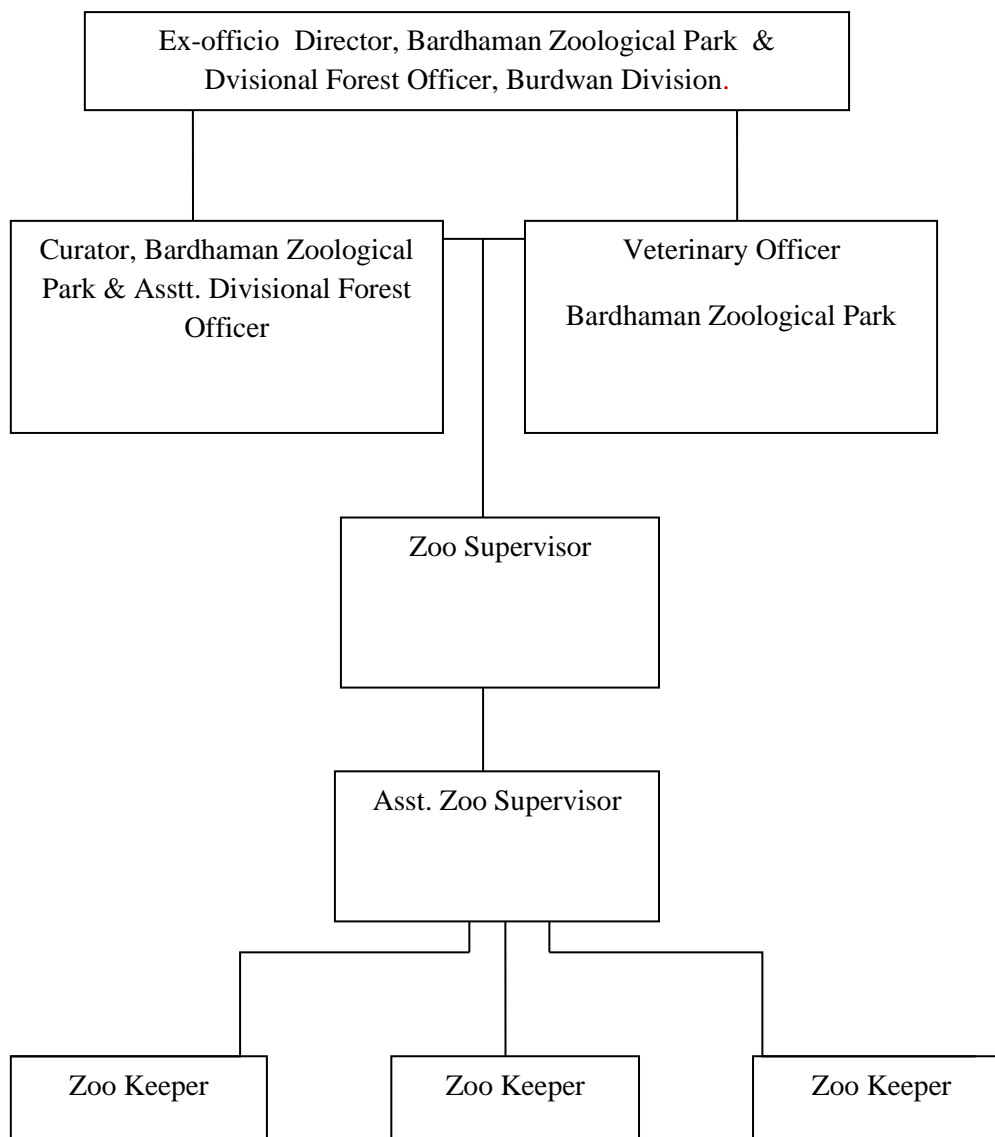
<u>Owner / Operator of the Zoo</u>		
S.No.	Particulars	Information
1	Name of the Operator	Addl. Chief Secretary to the Government of West Bengal, Forest Department.
2	Address of the Operator	Aranya Bhawan, Block LA-10A , Sector-III, Salt Lake, Kolkata -700106
3	Contact details/Phone number of Operator	033- 2335 4030
4	E-mail address of Operator	www.westbengalforest.gov.in

* 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.

6. Organizational Chart



7. Human Resources

Manpower of the Zoo

A. Sanctioned strength of Officer & Staff

Sl.No.	Designation	Number of Sanctioned Posts	Existing & Name of the Officials & incumbent(s)
		Sanctioned strength	Existing
1	Ex-officio Director	1	Miss Nisha Goswami, IFS
2	Asstt. Director	1	Vacant
3	Veterinary Officer	1	Dr. Tapan Kumar Ghosh, Retd. V.O. (on contractual basis)
4	Zoo Biologist	1	Vacant
5	Zoo Supervisor	1	Vacant
6	Education Assistant	1	Vacant
7	Veterinary Assistant	1	Shri Tanmoy Sarkar (on contractual basis)
8	Asstt. Zoo Supervisor	2	Vacant

7	Asstt.Estate/Security Supervisor	1	Vacant
8	Gate Keeper	1	Vacant
9	Driver	1	Vacant
10	Zoo Keeper	8	(Existing 2 only) 1.Shri Rabindranath Pal (permanent) 2. Shri Susanta Mondal (on contractual basis)
11	UDC	1	Shri Sukumar Patra Retd. P.A. to DFO (on contractual basis)
12	OA/LDC	1	Shri Subhankar Das (on contractual basis; engaged through Webel)
13	Ticket Clerk	1	Vacant
Total		22	7

B. Support Staff (on contract)

Sl.No.	Designation	Number of Sanctioned Posts	Existing & Name of the Officials & incumbent(s)
		Sanctioned strength	Existing
1	Security Guard	12	1. Shri Pravat Majhi 2. Shri Avijit Das 3. Shri Binay Madhab Bhakat 4. Shri Raju Keut 5. Sk. Lal Babu 6. Sk. Alamgir Islam 7. Shri Manoj Kumar Shaw 8. Shri Krishnendu Mohanta
2	Sanitary Attendant	6	1. Shri Tapas Dalui
3	Garden Attendant	6	Vacant
4	Attendant	7	Vacant
5	Animal Attendant	8	Vacant
Total		39	9
Grand Total		61	16

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

8. 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	Shri Tanmoy Sarkar Veterinary Assistant	Skill development workshop for Zoo Veterinary Assistant	7 th – 8 th October, 2021	Zoological Garden, Alipore, Kolkata

2	Shri Rabindranath Pal Zoo Keeper	Regional Zoo Keepers' Training on Captive Management of Reptiles	24 th – 26 th November, 2021	Nandankanan Zoological Park Bhubaneswar, Odisha
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9. Zoo Advisory Committee– Not constituted yet.

- A. Date of constitution-
- B. Members-
- C. Dates on which Meetings held during the year-

10. Health Advisory Committee

- A. Date of constitution - 07.03.2018 (Constituted by WBZA)
- B. Members-
1. Joint Director, ARD IAH &VB (R&T) - Chairman
Belgachia, Kolkata-37
2. Dr. Joyjit Mitra, Specialist (Sero-Epidemiology) -Member
RDDDL (ER),IAH &VB
Belgachia, Kolkata-37
3. Dr. Debasish Chatterjee, Asstt. Director,ARD -Member
(Vety), (Desease Investigation),IAH &VB,
Belgachia, Kolkata-37
4. Dr. Proloy Mandal, Asstt. Director, AR -Member
(Vety.), IAH & VB, Belgachia, Kolkata – 37

- c. Dates on which Meetings held during the year - A virtual meeting of Health Advisory Committee for monitoring the compliance of Health Care Standards was held on 18.08.2021 with the officials of West Bengal Zoo Authority and with the different Zoological Park Representatives. The resolutions of the meeting are being complied with.

11. Statement of income and expenditure of the Zoo

Sl. No.	Scheme	Opening balance (Rs.)	Fund received during the year (Rs.)	Expenditure during the year(Rs.)	Closing balance (Rs.)
1	Non-Plan	517,499.59	10,715,295.00	9,748,565.00	1,484,229.59
2	State-Plan	1,044,342.00	1,037,612.00	2,068,908.00	13,046.00
3	Corpus Fund	0.00	0.00	0.00	0.00
4	Security Deposit	1,122,074.00	170,309.00	623,084.00	669,299.00
Total	-	2,683,915.59	11,923,216.00	12,440,557.00	2,166,574.59

Revenue earned from collection of Entry fee to the Zoo (2021-2022) - Rs. 9,86,970.00

Revenue from Rent, Sale proceeds from Tender Papers etc. - Rs. 3,750.00

Parking fees - Rs.50,000.00

Adoption of Zoo animal – Rs. 35,000.00

Tendered amount for Cycle Stand during 2021-2022- Rs. 50,375.00 out of Rs. 2,92,000.00

Zoo closed from May'2021 to August'2021 as per advisory of higher authority due to Covid-19 pandemic.

12. Daily feed schedule of animals (per animal/bird per day)

	<i>WINTER SEASON</i>		<i>SUMMER SEASON</i>		<i>RAINY SEASON</i>	
GOLDEN PHEASANT (2 NOS)	SPINACH	50 gm	WATER SPINACH	50 gm	WATER SPINACH	50 gm
	APPLE	50 gm	APPLE	50 gm	APPLE	50 gm
	ORANGE	50 gm	POMEGRANATE	50 gm	POMEGRANATE	50 gm
	CARROT	50 gm	CUCUMBER	50 gm	CUCUMBER	50 gm
	CRUSHED MAIZE	100gm	CRUSHED MAIZE	100gm	CRUSHED MAIZE	100gm
	BROKEN WHEAT	100gm	BROKEN WHEAT	100gm	BROKEN WHEAT	100gm
	MARBEL DUST	10gm	MARBLE DUST	10gm	MARBLE DUST	10gm
	EGG	1 pc	EGG	1 pc	EGG	1 pc
	<i>WINTER SEASON</i>		<i>SUMMER SEASON</i>		<i>RAINY SEASON</i>	
SILVER PHEASANT (2 NOS)	SPINACH	50 gm	WATER SPINACH	50 gm	WATER SPINACH	50 gm
	APPLE	50 gm	APPLE	50 gm	APPLE	50 gm
	ORANGE	50 gm	ORANGE	50 gm	ORANGE	50 gm
	CARROT	50 gm	CARROT	50 gm	CARROT	50 gm
	CRUSHED MAIZE	100gm	CRUSHED MAIZE	100gm	CRUSHED MAIZE	100gm
	BROKEN WHEAT	100gm	BROKEN WHEAT	100gm	BROKEN WHEAT	100gm
	MARBEL DUST	10gm	MARBEL DUST	10gm	MARBEL DUST	10gm
	EGG	1 pc	EGG	1 pc	EGG	1 pc
	<i>WINTER SEASON</i>		<i>SUMMER SEASON</i>		<i>RAINY SEASON</i>	
RHESUS MACAQUE AND BONNET MACAQUE (7 NOS)	RICE	300 gm	RICE	300gm	RICE	300gm
	WHEAT FLOUR	300 gm	WHEAT FLOUR	300 gm	WHEAT FLOUR	300 gm
	BANANA	7pc	BANANA	7 pc	BANANA	7 pc
	SPINACH	1 kg	WATERV SPINACH	1 kg	WATERV SPINACH	1 kg
	CABBAGE	250gm	BEANS	250gm	BEANS	250gm
	CARROT	250gm	POTATO	500gm	POTATO	500gm
	BEANS	250gm	CUCUMBER	500gm	CUCUMBER	500gm
	SEASONAL FRUITS	500gm	SEASONAL FRUITS	500 gm	SEASONAL FRUITS	500 gm

	POTATO	250gm	SOAKED GRAM	500 gm	SOAKED GRAM	500 gm
	SOAKED GRAM	250gm				
PEA FOWL (3 NOS)	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
	PADDY	200 gm	PADDY	200 gm	PADDY	200 gm
	BROKEN WHEAT	200 gm	BROKEN WHEAT	200 gm	BROKEN WHEAT	200 gm
	SPINACH	400 gm	WATER SPINACH	400 gm	WATER SPINACH	400 gm
	ONION	200 gm	ONION	200 gm	ONION	200 gm
	GARLIC	20gm	GARLIC	20gm	GARLIC	20gm
	EGG	100gm	EGG	100gm	EGG	100gm
	CARROT		TOMATO	100gm	TOMATO	100gm
	POULTRY FEED	400gm	POULTRY FEED	400gm	POULTRY FEED	400gm
	CAPSICUM	100gm	CAPSICUM	100gm	CAPSICUM	100gm
	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
SPOTTED DEER (65 NOS)	SPINACH	1.5 kg	WATER SPINACH	1.5kg	WATER SPINACH	1.5kg
	CABBAGE	150gm	PUMKIN	300gm	PUMKIN	300gm
	CARROT	200gm	POTATO	200gm	POTATO	200gm
	POTATO	200gm	CUCUMBER	150gm	BOTTLE GOURD	150gm
	SWEET POTATO	150gm	BOTTLE GOURD	150gm		
	BEANS	150gm				
SLOTH BEAR (1 No.)	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
	RICE/DALIYA	500 gm	RICE/DALIA	500 gm	RICE/DALIYA	500 gm
	WHEAT FLOUR	500 gm	WHEAT FLOUR	500 gm	WHEAT FLOUR	500 gm
	MILK	500gm	MILK	500gm	MILK	500gm
	BANANA	4pc	BANANA	4pc	CURD	250gm
	HONEY	10gm	HONEY	10gm	BANANA	4PC
	SPINACH	500gm	MANGO	250gm	HONEY	10gm
	CABBAGE	300gm	WATER MELON	250gm	WATER SPINACH	500gm
	BEANS	200gm	WATER SPINACH	500gm	BEANS	500gm
	CURD	250gm	BEANS	500gm	SOAKED GRAM	200gm
	JAGGERY	30gm	JAGGERY	30gm	JAGGERY	30gm

	SOAKED GRAM		200gm	SOAKED GRAM		200gm	SEASONAL FRUITS		250gm
	SEASONAL FRUITS		250gm	PULSES		150gm	PULSES		150gm
	PULSES		150gm						
<u>Daily feed schedule of animals total for all animals/birds as specified per day)</u>									
LEOPARD (3 NOS)	WINTER SEASON			SUMMER SEASON			RAINY SEASON		
	BEEF		3KG	BEEF		3KG	BEEF		3KG
	CHICKEN		3KG	CHICKEN		3KG	CHICKEN		3KG
	LIVER MUTTON/BEEF		500gm	LIVER MUTTON/BEEF		500gm	LIVER MUTTON/BEEF		500gm
CROCODILE (3 NOS)	WINTER SEASON			SUMMER SEASON			RAINY SEASON		
	BEEF		2kg	BEEF		2kg	BEEF		2kg
	CHICKEN		2kg	CHICKEN		2kg	CHICKEN		2kg
	FISH		1kg 500gm	FISH		1kg 500gm	FISH		1kg 500gm
EMU (3 NOS)	WINTER SEASON			SUMMER SEASON			RAINY SEASON		
	CARROT		400gm	CARROT		400gm	CARROT		400gm
	BANANA		4PC	BANANA		4PC	BANANA		4pcs
	SPINACH		400gm	SPINACH		400gm	SPINACH		400gm
	CABBAGE		400gm	CABBAGE		400gm	CABBAGE		400gm
	POULTRY FEED/CRUSHED DAAL		800gm	POULTRY FEED/CRUSHED DAAL		800gm	POULTRY FEED /CRUSHED DAAL		800gm
	CRUSHED MAIZE		800gm	CRUSHED MAIZE		800gm	CRUSHED MAIZE		800gm
	WHEAT BRAN		300gm	WHEAT BRAN		300gm	WHEAT BRAN		300gm
]									
Sambar Deer (2 Nos.)	WINTER SEASON			SUMMER SEASON			RAINY SEASON		
	Green Grass+Tree leaves-6kgx2			Green Grass+Tree leaves-6x2kg		12kg	Green Grass+Tree leaves-6x2kg		12kg
	(Spinch,Beet Root,carrot) if not available Green Grass + Tree leaves			(water spinach,,Pumkin,) if not available Green Grass + Tree leaves			(water spinach,,Pumkin,) if not available Green Grass + Tree leaves		
	WINTER SEASON		SUMMER SEASON		RAINY SEASON				

	Wheat Bran - 600gmx2	1kg 200 gm	Wheat Bran - 600gmx2	1kg 200 gm	Wheat Bran - 600gmx2	1kg 200 gm
	Soya Meal - 150 gm x2	300 gm	Soya Meal - 150 gm x2	300 gm	Soya Meal - 150 gm x2	300 gm
	crush Maize - 300gmx2	600 gm	crush Maize - 300gmx2	600 gm	crush Maize - 300gmx2	600 gm
	Grund nut cake - 150 gm x2	300 gm	Grund nut cake - 150 gm x2	300 gm	Grund nut cake - 150 gm x2	300 gm
	kutti (Chopped pady) - 2 kg x 2	4 kg	kutti (Chopped pady) - 2 kg x 2	4 kg	kutti (Chopped pady) - 2 kg x 2	4 kg
	Salt - 15 gm x2	30 gm	Salt - 15 gm x2	30 gm	Salt - 15 gm x2	30 gm
	Molasses - 200 gm X2	400gm	Molasses - 200 gm X2	400gm	Molasses - 200 gm X2	400gm
	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
Barking Deer (3 Nos.)	Vegetable - 500 gm	1kg 500 gm	Vegetable - 500 gm	1kg 500 gm	Vegetable - 500 gm	1kg 500 gm
	Sweet potato - 150 gm	450 gm	Sweet potato - 150 gm	450 gm	Sweet potato - 150 gm	450 gm
	Carrot - 500 gm	1 kg 500 gm	Carrot - 500 gm	1 kg 500 gm	Carrot - 500 gm	1 kg 500 gm
	Banana 2 pc	6 pcs	Banana 2 pc	6 pcs	Banana 2 pc	6 pcs
	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
Wheat Bran - 300gmx3	900 gm	Wheat Bran - 300gmx3	900 gm	Wheat Bran - 300gmx3	900 gm	
Ots - 150 gm	450 gm	Ots - 150 gm	450 gm	Ots - 150 gm	450 gm	
Salt - 20 gm	60 gm	Salt - 20 gm	60 gm	Salt - 20 gm	60 gm	
Gram pulse - 125 gm x3	300 gm	Gram pulse - 125 gm x3	300 gm	Gram pulse - 125 gm x3	300 gm	
Buzz (5 nos)	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
Small Fish	500 gm	Small Fish	500 gm	Small Fish	500 gm	
Tortoise (16 nos)	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
Vegetable (Spinach, carrot)	100 gm	Vegetable(water spinach, cucumber)	100 gm	Vegetable(water spinach, cucumber)	100 gm	
Gram Pulse	60gm	Gram Pulse	60gm	Gram Pulse	60gm	
Procupine (7 nos)	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
Potato	300gm	Potato	300gm	Potato	300gm	
Carrot	250gm	Gram Pulse	250gm	Gram Pulse	250gm	
Gram Pulse	100gm	Pumkim	250gm	Pumkin	250gm	
Pumkim	250gm					
Beet Root	300gm					

Indian Prakeets (8 nos)	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
	Vegetable (spinach, carrot)	50 gm	Vegetable (Water, spinach, carrot)	50 gm	Vegetable (Water, spinach, carrot)	50 gm
	Gram Pulse	50 gm	Gram Pulse	50 gm	Gram Pulse	50 gm
	Paddy	50 gm	Paddy	50 gm	Paddy	50 gm
Langur (4 nos)	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
	Banana	4 Pcs	Banana	4 Pcs	Banana	4 Pcs
	Cucumber	400 gm	Cucumber	400 gm	Cucumber	400 gm
	Gram Pulse	300 gm	Gram Pulse	300 gm	Gram Pulse	300 gm
	Potato	250 gm	Potato	250 gm	Potato	250 gm
	Seasonal Fritus	250 gm	Seasonal Fritus	250 gm	Seasonal Fritus	250 gm
Jungle Fowl (2 nos)	WINTER SEASON		SUMMER SEASON		RAINY SEASON	
	Spinash	100 gm	Spinash	100 gm	Spinash	100 gm
	Broken Wheat	100 gm	Broken Wheat	100 gm	Broken Wheat	100 gm
	Carrot	100 gm	Carrot	100 gm	Carrot	100 gm
	Beet Root	100 gm	Beet Root	100 gm	Beet Root	100 gm
	Crushed Maize	200 gm	Crushed Maize	200 gm	Crushed Maize	200 gm
	Banana	1 Pc	Banana	1 Pc	Banana	1 Pc
	Cucumber	100 gm	Cucumber	100 gm	Cucumber	100 gm
	Apple	100 gm	Apple	100 gm	Apple	100 gm
	Orange	100 gm	Orange	100 gm	Orange	100 gm
	Water Melon	100 gm	Water Melon	100 gm	Water Melon	100 gm
	Marble Dust	10 gm	Marble Dust	10 gm	Marble Dust	10 gm

13. De- worming Schedule of animals

Sl No.	Species	Drug used	Date
1	Sloth Bear	Fenbendazol	11.03.2022
2	Leopard	Praziquontal	27.03.2022
3	Spotted Dear	Oxyclosanat	11.03.2022
4	Sambar Deer	Fenbendazol	20.03.2022
5	Barking Deer	Fenbendazol	11.03.2022
6	Monkey & Langoor	Oxyclosanat	11.03.2022
7	Buzz	Oxyclosanat	09.03.2022

8	Parakeets	Oxyclosanat	09.03.2022
9	Red Jungle Fowl	Oxyclosanat	Died on 19.10.2021
10	Golden Pheasant	Oxyclosanat	09.03.2022
11	Silver Pheasant	Oxyclosanat	09.03.2022
12	Emu	Oxyclosanat	09.03.2022
13	Peafowl	Oxyclosanat	09.03.2022

14. Vaccination Schedule of Animals

SI No.	Species	Disease vaccine for	Name of vaccine/ Dose	Periodicity	Remarks
1	Leopard	Feligen CRP	1 ml	09.07.2021(Kali) 07.07.2021(Dhruva) 03.10.2021(Krishna)	1 year interval
2	Emu	R2B	F1	16.03.2022	6 month Interval
3	Buzz	R2B	F1	16.03.2022	
4	Golden Pheasant	R2B	F1	16.03.2022	
5	Silver Pheasant	R2B	F1	16.03.2022	
6	Indian Parakeets	R2B	F1	16.03.2022	

15. Disinfection schedule

SI No.	Species	Type of enclosure	Disinfectant use	Frequency Disinfection
1	Sloth Bear		Lime, Bleaching, Potassium permanganate	Once in a Week
2	Spotted Deer		Do	
3	Sambar Deer		Do	
4	Barking Deer		Do	
5	All Birds		Potassium permanganate Formalin 10% SP	Two times in a week
6	Monkey & Langoor		Do	Once in a Week
7	Leopard		Lime, Blaching, Potassium permanganate	Two times in a week

16. Health check up of employees working in the zoo during 2021-22

Sl. No	Name	Designation	Date of health check up
1.	Raju Keut	Security Guard	24.12.2021
2.	Binay madhab Bhakat	Security Guard	24.12.2021
3.	Sk. Alamgir Islam	Security Guard	24.12.2021
4.	Avijit Das	Security Guard	24.12.2021
5.	Sk. Lal Babu	Security Guard	24.12.2021

6.	Tapas Dalui	Sanitary Attendant	30.11.2021
7.	Makar Bagdi	Daily Labour	30.11.2021
8.	Biswajit Ghosh	Daily Labour	30.11.2021
9.	Pravat Majhi	Security Guard	31.12.2021
10.	Manoj Kumar Shaw	Security Guard	31.12.2021
11.	Krishnendu Mohanta	Security Guard	31.12.2021
12.	Pradip Kr. Singh	Banasahayak	31.12.2021

17. Development Works carried out in the zoo during the year :

A. Completed in all:

1. Bamboo fencing



2. Renovation of Security Guard's Room



3. Repairing and painting works at enclosure



4. Visitor Rest Shed



5. A. Beautification work



B. Beautification work



C. Beautification work



17. B. Work going on –

1. Food Court



2. Enclosure of Bengal Fox



18. Education and Awareness programmes during the year

- Online Awareness Quiz Competition was organized by the Ex-Officio Director, Bardhaman Zoological Park on **5th June 2021** during **The World Environment Day 2021**. There was 370 nos. participants registered for the competition. Only 137 nos. participants scored upto mark.
- Online Drawing Competition for Students was organized by the Ex-Officio Director, Bardhaman Zoological Park on **8th October 2021** on **67th Wildlife Week**. There were 122 nos. participants registered for the competition. But only 22 nos. participants scored upto mark.
- Ban Mahotsav programme involving school children during July'2021.

19. Important Events and happenings

- Birth of 26 Nos. of spotted deer fawn during 2021-22.
- Birth of one Indian crested Porcupine.

20. Seasonal special arrangements for upkeep of animals

1. Special water arrangement during summer.
2. Arrangement for shade over the enclosures to avoid direct sunlight during hot summer.
3. Provision of Fan/ Cooler during summer or when required.

21. Research Work carried out and publications – Nil

22. Conservation Breeding Programme of the Zoo – Nil

23. 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					

B.	Animals going in the Zoo				
	H.No	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
NIL					

24. Rescue and Rehabilitation of wild animals carried out by the Zoo 2021-22

Sl No	Date of Rescue	Species number of Rescue with Their Sex		Received From	Date of Submission of Report to the CWLW/CZA	Date and Place of ehabilitation in their habitat	Reasons for housing in the Zoo if not released in nature
		Sex	Spp.				
						Kept in the Zoo for treatment and observation. Released in nature after recuperation from injury/illness.	N.A.
1	06/04/2021	F	Langur	Burdwan Range		-do-	N.A.
2	11/04/2021	M	Langur	Burdwan Range		-do-	N.A.
3	14/04/2021	M	Langur	Burdwan Range		-do-	N.A.
4	26/04/2021	M	Langur	Burdwan Range		-do-	N.A.
5	29/04/2021	F	Langur	Burdwan Range		-do-	N.A.
6	25/05/2021	F	Langur	Burdwan Range		-do-	N.A.
7	29/05/2021	M	Langur	Burdwan Range		-do-	N.A.
8	31/05/2021	M	Langur	Burdwan Range		-do-	N.A.
9	02/06/2021	M	Langur	Burdwan Range		-do-	N.A.
10	06/06/2021	F	Langur	Burdwan Range		-do-	N.A.
11	13/06/2021	M	Langur	Burdwan Range		-do-	N.A.
12	18/07/2021	F	Langur	Burdwan Range		-do-	N.A.
13	18/07/2021	M	Langur	Burdwan Range		-do-	N.A.
14	18/08/2021	M	Langur	Burdwan Range		-do-	N.A.
15	21/05/2021	U	Owl	Burdwan Range		-do-	N.A.
16	04/06/2021	U	Owl	Burdwan Range		-do-	N.A.
17	03/07/2021	U	Owl	Burdwan Range		-do-	N.A.
18	18/10/2021	U	owl	Burdwan Range		-do-	N.A.
19	30/12/2021	U	owl	Burdwan Range		-do-	N.A.

20	13/12/2021	M	Rhesus monkey	Burdwan Range		-do-	N.A.
21	01/10/2021	U	buzz	Burdwan Range		-do-	N.A.
22	18/10/2021	U	buzz	Burdwan Range		-do-	N.A.
23	26/06/2021	F	Civet cat	Burdwan Range		-do-	N.A.
24	03/02/2022	M	Buzz	Burdwan Range		-do-	N.A.
25	01/02/2022	F	Civet cat	Burdwan Range		-do-	N.A.
26	31/01/2022	F	Civet cat	Burdwan Range		-do-	N.A.
27	23/02/2022	M	Fox	Burdwan Range		-do-	N.A.
28	30.06.2021	M	Indian parakeets	Burdwan Range		-do-	N.A.
29	10.07.2021	M	Indian parakeets	Burdwan Range		-do-	N.A.
30	17.08.2021	U	Indian parakeets	Burdwan Range		-do-	N.A.
31	12.08.2021	U	Indian parakeets	Burdwan Range		-do-	N.A.
32	29.08.2021	U	Indian parakeets	Burdwan Range		-do-	N.A.
33	13.08.2021	U	Tortoise	Burdwan Range		-do-	N.A.
34	17.08.2021	U	Tortoise	Burdwan Range		-do-	N.A.
35	18.09.2021	U	Tortoise	Burdwan Range		-do-	N.A.
36	22.11.2021	U	Tortoise	Burdwan Range		-do-	N.A.
37	14.07.2021	M	Langur	Guskara Range		-do-	N.A.
38	24.11.2021	M	Langur	Guskara Range		-do-	N.A.
39	16.01.2022	M	Langur	Guskara Range		-do-	N.A.
40	05.08.2021	F	Langur	Panagarh Range		-do-	N.A.
41	29.08.2021	M	Langur	Panagarh Range		-do-	N.A.
42	25.10.2021	M	Langur	Panagarh Range		-do-	N.A.
43	07.01.2022	F	Langur	Panagarh Range		-do-	N.A.
44	07.04.2021	M	Langur	Katwa Range		-do-	N.A.
45	09.04.2021	M	Langur	Katwa Range		-do-	N.A.
46	16.04.2021	M	Langur	Katwa Range		-do-	N.A.
47	24.04.2021	F	Langur	Katwa Range		-do-	N.A.

48	28.04.2021	M	Langur	Katwa Range		-do-	N.A
49	08.05.2021	M	Langur	Katwa Range		-do-	N.A
50	01.06.2021	F	Langur	Katwa Range		-do-	N.A
51	02.06.2021	M	Langur	Katwa Range		-do-	N.A
52	19.07.2021	M	Langur	Katwa Range		-do-	N.A
53	13.08.2021	M	Langur	Katwa Range		-do-	N.A
54	26.08.2021	M	Langur	Katwa Range		-do-	N.A
55	09.09.2021	M	Langur	Katwa Range		-do-	N.A
56	18.09.2021	F	Langur	Katwa Range		-do-	N.A
57	09.11.2021	M	Langur	Katwa Range		-do-	N.A
58	16.11.2021	F	Langur	Katwa Range		-do-	N.A
59	23.11.2021	M	Langur	Katwa Range		-do-	N.A
60	05.06.2021	M	Langur	Durgapur Range		-do-	N.A
61	27.12.2021	M	Langur	Durgapur Range		-do-	N.A
62	05.08.2021	M	Peafowl	Birbhum Division		Kept in the zoo	To accommodate in the zoo as per approved collection plan
63	29.08.2021	F	Peafowl	Durgapur Range		- Kept in the zoo -	-do-
64	11.01.22	M	Striped Hyena	Durgapur Division		Kept in the zoo	-do-
65	09.11.2021	M	Fox	Guskara Range		Kept in the zoo	
66	23.02.2022	F	Fox	Burdwan range		Kept in the zoo	

25. Annual Inventory of animals (2021-22)

FORM-II

[See rule 11 (1)]

Bardhaman Zoological Park (Ramnabagan Mini Zoo), Burdwan, West Bengal

Proforma for Annual Inventory Report

Inventory Report for the Year : 2021-2022

Endangered Species:

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2021)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2022)				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
Aves																							
1.	Jerdon's Baza	<i>Aviceda jerdoni</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
2.	Black Baza	<i>Aviceda leuphotes</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
3.	Indian Peafowl	<i>Pavo cristatus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
Total Aves		3	2	1	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	5	8
Mammalia																							
1.	Rhesus Macaque	<i>Macaca mulatta</i>	2	3	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	6
2.	Bonnet Macaque	<i>Macaca radiata</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
3.	Sloth Bear	<i>Melursus ursinus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
4.	Leopard	<i>Panthera pardus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
Total Mammalia		4	4	6	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	1	11
Reptilia																							
1.	Marsh Crocodile	<i>Crocodylus palustris</i>	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
2.	Saltwater Crocodile	<i>Crocodylus porosus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Total Reptilia		2	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
Total			9	7	6	22	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	6	22

*Animals under Sch-I and Sch-II of Wild Life (Protection) Act, 1972

Other than Endangered Species:

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2021)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2022)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
	Aves																					
1.	Golden Pheasant	<i>Chrysolophus pictus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
2.	Emu	<i>Dromaius novaehollandiae</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
3.	Red Junglefowl	<i>Gallus gallus</i>	1	2	0	3	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0
4.	Lesser Adjutant Stork	<i>Leptoptilos javanicus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
5.	Silver Pheasant	<i>Lophura nycthemera</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
6.	Rose-ringed Parakeet	<i>Psittacula krameri</i>	4	4	0	8	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	8
Total Aves	6		10	10	0	20	0	0	0	0	0	0	0	0	0	1	2	0	9	8	0	17
Mammalia																						

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2021)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2022)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1.	Chital/ Spotted Deer	<i>Axis axis</i>	19	31	0	50	0	0	26	0	0	0	0	0	0	0	0	0	19	31	26	76
2.	Indian Crested Porcupine	<i>Hystrix indica</i>	2	2	0	4	1	0	5	0	0	0	0	0	0	0	0	0	3	2	5	10
3.	Indian Muntjac	<i>Muntiacus muntjak</i>	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
4.	Sambar Deer	<i>Rusa unicolor</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
5.		<i>Semnopithecus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4

Total Mammalia	5		25	38	0	63	1	0	31	0	0	0	0	0	0	0	0	0	26	38	31	95
Reptilia																						
1.	Indian Star Tortoise	<i>Geochelone elegans</i>	14	2	0	16	0	0	0	0	0	0	0	0	0	0	0	0	14	2	0	16
2.	American box turtle, Common Box Turtle, Eastern Box Turtle, Mexican box turtle, Yucatan box turtle	<i>Terrapene carolina</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Total Reptilia	2		15	2	0	17	0	0	0	0	0	0	0	0	0	0	0	0	15	2	0	17
Total			50	50	0	100	1	0	31	0	0	0	0	0	0	1	2	0	50	48	31	129
Grand Total			59	57	6	122	1	0	31	0	0	0	0	0	0	1	2	0	59	55	37	151

26. Death of wild animals (2021-2022):

Annual Inventory Death Report for the year 2021-2022(01.04.2021 to 31.03.2022)

Sl. No.	Animal name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Cause of Death
1.	Jungle Fowl	<i>Gallus gallus</i>	F	16.04.2021	Due to profuse bleeding in the neck region and cardio respiratory failure.
2.	Porcupine kid	<i>Hystrix indica</i>	U	02.08.2021	Cardio respiratory failure.
3.	Porcupine kid	<i>Hystrix indica</i>	U	09.08.2021	Cardio respiratory failure for septicaemia and toxemia of bacterial infection.
4.	Spotted Deer	<i>Axis axis</i>	M	29.08.2021	Magot wound and Cardio respiratory failure.
5.	Spotted Deer	<i>Axis axis</i>	M	01.09.2021	Magot wound and Cardio respiratory failure.
6.	Jungle Fowl	<i>Gallus gallus</i>	M	19.10.2021	Send to Regional lab, Belgachia, Kolkata.
7.	Jungle Fowl	<i>Gallus gallus</i>	F	19.10.2021	Send to Regional lab, Belgachia, Kolkata.
8.	Porcupine	<i>Hystrix indica</i>	U	15.11.2021	Cardio respiratory failure.
9.	Buzz	<i>Aviceda jerdoni</i> <i>Aviceda leuphotes</i>	U	07.01.2022	Cardio respiratory failure.

27. Status of the Compliance with conditions stipulated by the Central Zoo Authority

Status of Compliance with Conditions stipulated by the Central Zoo Authority vide their letter No. 22-67/2004 - CZA(473) (Vol-II) (PKR)/4960/2018 dt. 30.10.2018 (As on 31.03.2022)

Details on compliance of the conditions stipulated by the Central Zoo Authority upto 31.03.2022. (as per the earlier letter of grant of recognition issued to the zoo)

Letter No. (1) File No.22-49/2004-CZA(489)(NE) dated 22.02.2021

(2) File No.22-49/2004-CZA(489)(NS) dated 02.01.2019

(3) File No.22-49/2004-CZA(489)(NS) dated 20.06.2016

Sl. No.	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo as on 31.03.2022
1	10.1 (6)	The zoo should construct the boundary wall of 2 mts. height to separate residential accommodation from the zoo premises with independent entry and exit facility	Immediately	30.10.2018	Complied with. The residential accommodation has been separated from the Zoo campus by constructing a wall of 2 mts. height with separate entry and exist gates.
	10.1(8)	The zoo shall not accept animals without creation of isolation-cum-quarantine enclosure for such animals	Immediately	30.10.2018	Complied with. No rescued animal has been kept in the Zoo
	10.1(9)	Towards the residential staff quarters, there has not been sufficient barrier to stop the entry of domestic animal like dog as dogs were seen roaming in the zoo during evaluation. The necessary arrangement to stop the entry of domestic animals should be made	Immediately	30.10.2018	Complied with. As per suggestions, action has already been taken to stop the entry of domestic animal like dog by erecting boundary wall of 2 mt. height.
2. Administrative and Staffing Pattern					
	10.2(1)	The Zoo Director is also having the additional responsibility of the Forest division. The Zoo Director shall be deputed to work exclusively for the zoo or officer of appropriate rank with adequate administrative and financial powers shall be deployed exclusively for the zoo to take care of zoo inmates and welfare	Immediately	30.10.2018	No comment. It is the policy matter of higher authority.
	10.2(2)	The zoo shall also appoint full-time Veterinarian, Biologist and Curator to support the Officer-in-Charge in carrying out various responsibilities for management of the zoo including animal housing. Upkeep, healthcare, Research and visitor education	Immediately	30.10.2018	The ADFO functions as the Curator of the Zoo. One Veterinary Officer and One Veterinary Assistant have been engaged to carry out various responsibilities for management of the zoo including animal housing, upkeep, healthcare. Visitor Education is being done by Zoo Supervisor.

3. Development and Planning					
6	10.3(1)	The zoo should submit the Master Plan of the zoo for approval of the CZA.	Immediately	30.10.2018	Master Plan has been approved vide CZA's File No. 22-67/2004-CZA(473)(NE) dt. 27.07.2021.
4. Animal housing, display of animals and animal enclosures					
7	10.4.(3)	The provision for the entry of the Animal Keeper in the deer enclosures should be made from the back side of the enclosure from the night house for service in case of newly constructed animal enclosure of Leopard, it shall be covered by steel plate in order to avoid the escape of animal from enclosure. The trees adjacent to the fence of the enclosure appears not to be safe to prevent animal from escaping the enclosure	Immediately	30.10.2018	Complied with. 1.Entry of Animal Enclosure in Deer enclosure as suggested has by this time been completed. 2.Steel plates and power fence has been installed on the fence of leopard enclosure. 3.Trees adjacent to the Leopard fence have been trimmed /felled as per the advice of Central Zoo Authority.
8	10.4(6)	The zoo should provide species specific natural enrichment to the animals of all species housed in	Six months	30.10.2018	Complied with. Natural enrichment to the species of Pheantry, Monkey, Langour has been done.
9	10.4(9)	The live hedge should be planted in between the standoff barrier and enclosure wall in all newly constructed enclosure of leopard. Sloth bear and deer species to prevent teasing and feeding of animals. Appropriate signage warning the visitors of consequences of violation may also be provided at various places	Three months	30.10.2018	Complied with
10	10.4(10)	The bilingual signages should be displayed with adequate scientific information of the species housed in front visitor viewing side in each enclosure. These should be placed on a board and should not be banged to the enclosure fence	Three months	30.10.2018	Complied with
5. Upkeep and healthcare of animals					
11	10.5(2)	The zoo should upgrade its store-cum-kitchen as per approved Master (Layout) Plan. A fly proof Meat House should also be constructed with adequate drainage facility	Immediately	30.10.2018	Complied with.
12	10.5(5)	The provision of footbath should be made at entry and exist point of each enclosure with arrangement of proper disinfectants		30.10.2018	As per suggestions, it has been implemented.
13		The leftover excreta in case of deer species and other wastes should be removed on daily basis		30.10.2018	Being done on daily basis.
14	10.5(6)	The food and water samples should be tested at recognised laboratory randomly and periodically for any contaminants	Immediately	30.10.2018	Is being done as per suggestion.

15	10.5(8)	The vaccination and de-worming schedule for captive animals should be prepared and displayed at each enclosure. Accordingly, the animal vaccination and de-worming should be done	Immediately	30.10.2018	Complied with.
16	10.5(9)	The zoo personnel handling animals should be screened against zoonotic diseases at least once in a year and the records thereof should be maintained.	Immediately	30.10.2018	The Health Check up of almost all the Zoo Keepers & animal attendants is done annually. Last done on 30.11.2022 (3 staffs) 24.12.2021 (5 staffs) 31.12.2021 (4 staffs)
17	10.5(10)	The Keeper's Diary, Daily Reports, Animal History Cards and Treatment Cards should be prepared as per the specified standards/format of the CZA	Immediately	30.10.2018	Yes, The keeper's Diary, Daily Reports, Animal History Cards and Treatment Cards already prepared and maintained regularly as per the specified standards/format of the Central Zoo Authority.
6. Veterinary and infrastructure facilities					
18	10.6(1)	The veterinary unit of the zoo should also be upgraded with adequate equipments for proper veterinary care of the animals	Three months	30.10.2018	Being complied with. Record is being maintained
19	10.6(5)	Whole time veterinary support staff shall be deputed as per the rules	Immediately	30.10.2018	Being complied with. Record is being maintained
7. Post-mortem and disposal of carcasses of animals					
20	10.7 (2)	The zoo should record the finding of the post-mortem of every animals dying in zoo in the CZA prescribed format and records thereof should be maintained for not less than six years.	Immediately	30.10.2018	Being complied with. Record is being maintained
9. Acquisition and breeding of animals					
21	10.9(2)	The zoo shall also take animal exchange programme especially for deer species with other nearby recognised zoos as a safeguard against ill-effects of inbreeding	Immediately as not done from long past	30.10.2018	Safeguard against ill effects of inbreeding Spotted Deer from Garchumuk Deer Park were translocated to Ramnabagan Mini Zoo and from Bardhaman Zoological Park (erstwhile Ramnabagan Mini Zoo) were translocated to Buxa Tiger Reserve. More efforts will be made to take deer exchange programme with nearby Zoos to prevent inbreeding complicacies. A proposal approved by WBZA is there for translocation of spotted deer 40. (15:25) nos. to Sundarban National Tiger Reserve vide their No.12/WBZA/T-21/21-22 dt. 02.07.2021.
10. Research Activities					
22	10.10(1)	The zoo shall initiate research studies in association with the Bardhaman University located adjacent to the zoo	One Year	30.10.2018	Efforts are being made in this direction.
11. Educational and outreach activities					
23	10.11(1)	The zoo should also take up educational activity involving the students from the	Immediately	30.10.2018	Many such programmes for awareness are organised for

		Bardhaman University and other educational institution in the area			the students and celebration of Wildlife Week, Wildlife Day, Ban Mahotsav etc. are being done.
12. Visitor facilities					
24	10.12(2)	Anti-venom and life saving drugs should be stored in the zoo campus for the visitor or zoo staff as and when required	Immediately	30.10.2018	Efforts are being taken to comply with the same.
25.	10.12.(3)	The zoo should make arrangement of wheel chair to facilitate the visit of 'divyangjan' and the animal enclosures and civic facilities for the visitors should be made accessible to them.		30.10.2018	Complied with.
1. General requirements					
1	10.1(1)	The zoo has been breeding among the existing population of spotted deer since 1978. The zoo should implement proper and adequate population control measures	One Year	22.08.2017	154 no. (59 no. male and 95 female) has been translocated to Buxa Tiger Reserve in compliance with Memo No.379/ WL/2W-260 dt. 09.02.2018 of the Conservator of Forests, Wildlife, Headquarters, West Benaal. At present the stock of spotted deer in Bardhaman Zoological Park is 76 (19:31:26). A proposal approved by WBZA is there for translocation of spotted deer 40. (15:25) nos. to Sundarban National Tiger Reserve vide their No.12/WBZA/T-21/21-22 dt. 02.07.2021. This will be implemented soon.
2	10.1(5)	The zoo operator failed to construct perimeter wall of minimum two meters height around the zoo. Since the zoo is located within the premises of a wildlife sanctuary, providing a masonry wall all round may not be a feasible option. Wherever the sanctuary boundary and the zoo boundary form the common boundary dividing the human landscape, a masonry wall could be provided for such length to avoid encroachment and trespassing by humans and stray dogs & livestock	Two years	22.08.2017	Perimeter wall has already been completed
3	10.1(6)	The zoo operator failed to separate residential accommodation from the zoo premises. It should be separated out of the zoo campus by providing a wall with separate entry/exit gates. Common access from the zoo should be stopped.	Immediately	22.08.2017	Necessary action has already been taken.
2. Administrative & staffing pattern					
4	10.2(1)	The zoo operator failed to support a whole-time in-charge of the zoo with adequate financial and administrative powers	Six months	22.08.2017	One Zoo Supervisor post is sanctioned. At present Attached Forest Range Officer, Burdwan Forest Division is doing the job as addl charge being the post of Zoo Supervisor is vacant.

5	10.2(2)	The zoo operator failed to support full-time Biologist and Curator to support the Officer incharge, in carrying out the responsibilities of housing, upkeep and healthcare of zoo animals, research and visitor education	One year	22.08.2017	The ADFO functions as the Curator of the Zoo. One Veterinary Officer (contractual) and One Veterinary Assistant (contractual) have been engaged to carry out various responsibilities for management of the zoo including animal housing, upkeep, healthcare etc. Visitor Education is being carried out by Zoo Supervisor.
3. Development and planning					
6	10.3(1&2)	All future development of the zoo should be done after approval of the Master Plan by the Central Zoo Authority	Immediately	22.08.2017	Master Plan has been approved & accordingly future plan will be carried out
7	10.3(4)	The zoo houses sloth bear, rhesus macaque, four horned antelope. Pelicans, pea-fowls. Porcupines & Panah kites in captivity in enclosures not appropriate to the species. Appropriately, designed enclosures for all above animals should be constructed at area as earmarked after the approval of Master Plan and drawings by the CZA.	Two years	22.08.2017	The enclosure for the Sloth Bear, Rhesus Monkey, Common langur, Leopard and Birds' Aviary have already been constructed as per approved lay-out plan. Rhesus macaques and Bonnet macaque have already been shifted to newly constructed enclosure. The four-horned antelope has already been translocated to Alipore Zoological Garden Pea-fowls have been shifted to newly constructed pheasantry. At present no pelicans are there in this Zoo. The Porcupines are kept in a suitable enclosure. Baazas are kept in one corner of the old aviary. New aviary is being tendered.
8	10.3(5)	All facilities for captive animals including pucca buildings like feeding and night shelters should be created with proper drainage in such a way that they do not compromise the natural landscape and without affecting the overall cleanliness and hygiene of the campus.	Two years	22.08.2017	Have been completed. .
9	10.3(6)	The future collection plan of animals to be displayed in the zoo should be prepared and got approved from CZA. Carrying capacity of animal enclosures should be fixed.	Immediately	22.08.2017	Future collection plan has been approved by CZA and accordingly it is being implemented.
10	10.3(7)	Without creation of isolation cum quarantine enclosure, the zoo should not accept rescued animals	Immediately	22.08.2017	Complied with
4. Animal housing, display of animals and animal enclosures					
11	10.4(1.2&5)	The zoo operator should ensure that animals at the zoo are housed in enclosures meeting minimum standards and specifications of the CZA	Two years	22.08.2017	Being complied with.

12	10.4(9)	Standoff barriers should be provided all along the new proposed enclosures and visitors' pathway to prevent teasing and feeding of animals. Appropriate signage warning the visitors of consequences of violation may also be provided at various places	One year	22.08.2017	Stand-off barriers to all animal enclosures have already been constructed.
13	10.4(10)	All animal enclosures should be provided with signage having relevant information on the biology, behaviour and population status of the species in the wild	One year	22.08.2017	Complied with
5. Upkeep and healthcare of animals					
14	10.5(2)	i) A feeding store-cum-kitchen should be constructed as per approved Master Layout Plan. Suitably designed platforms should be provided in the feeding store for stocking dry ration. Exhaust fans should be installed to reduce moisture inside the fed store. ii) A fly proof meat room away from the feed store and kitchen should also be constructed with adequate drainage facility	One year One year	22.08.2017 22.08.2017	Complied with Being complied with Net door will be made
15	10.5(4)	Kraals of dimensions prescribed by the CZA should be created in enclosures for Chital, Sambar and Barking deer	One year	22.08.2017	Kraals have already been created in enclosures for spotted Deer (chital), Sambar and Barking deer as per dimension prescribed by the CZA.
6. Veterinary & infrastructure					
16	10.6(1)	The zoo operator failed to construct a Veterinary Unit/Hospital appropriate to animals housed. A kraal for recuperating of animals, in-patient ward, Reference library, a laboratory, a dispensary for storkign lifesaving drugs and other veterinary equipment should also be considered in the veterinary unit	Two years	22.08.2017	Zoo veterinary unit has already been established and required things/items are being added regularly.
7. Post-mortem and disposal of carcasses of animals					
17	10.7(4)	An incinerator should be installed for safe disposal of animal carcasses and other bio wastes, including shed antlers, etc.	Immediately	22.08.2017	Being undertaken. Yet to be established.
9. Acquisition and breeding of animals					
18	10.9(1&2)	The zoo has been breeding among the existing population of herbivores. There has not been any effort to infuse new bloodline. The population of animals should be restricted to the carrying capacity and proper and adequate population control measures should be implemented.	One year	22.08.2017	154 no. (59 nos. male and 95 nos. female) have been translocated to Buxa Tiger Reserve in compliance with Memo No.379/ WL/2W-260 dt. 09.02.2018 of the Conservator of Forests, Wildlife, Headquarters, West Beneal. At present the stock of spotted deer in Bardhaman Zoological Park is 76 (19:31:26). A proposal approved by WBZA is there

					for translocation of spotted deer 40. (15:25) nos. to Sundarban National Tiger Reserve vide their No.12/WBZA/T-21/21-22 dt. 02.07.2021. This will be implemented soon.
19	10.9(3)	The zoo operator failed to release rescued animals in the wild. The zoo should refrain from acquiring single sexed animals in the form of the rescued animals for display. Rather the rescued animals should be rehabilitated in their natural habitat soon after their recuperation from sickness/injury	Immediately	22.08.2017	Rescued animals are being released in natural habitat after recuperation from injury / sickness. Rescued animals are not displayed.
20	10.9(4)`	The zoo operator failed to pair single animals. Animals, namely, Bonnet macaque, salt water crocodile. Four horned antelope & Peafowl should be paired, failing which they should be sent to other recognised zoo with prior approval of the CZA.	Immediately	22.08.2017	Efforts are being made to acquire pair for single sexed animals. Proposal for pairing of peafowl, sambar has been sent. Will be implemented soon.
21	10.9(7)	The zoo should initiate programs for restocking of Protected Areas of the State with their surplus Deer population by entering into an agreement with them and provide founder animals for breeding in such release areas created specifically in the buffer zones of Pas. This will help in augmenting the ever decreasing prey base for carnivores in PAs of South W.B.	Two years	22.08.2017	Being complied with.
10. Research activities					
22	10.10	The zoo authorities should enter into an agreement with Bardhaman University and local colleges for allowing graduate/postgraduate students to carry out their dissertation on various aspects of animal Biology. The findings can help the zoo in better and scientific management of captive animals.	Immediately	22.08.2017	Efforts are being being made in this respect. Proposal is being sent to Burdwan University.
11. Education and outreach activities					
23	10.11(1)	The zoo should develop a year-long educational calendar and initiate activities for educating the visitors on the significance of Wildlife/Biodiversity conservation and Ecosystem services provided by the Animal Kingdom	Immediately	22.08.2017	Being developed for 2022-23
12. Visitors' facilities					
24	10.12 (1)	More number of civic facilities like toilets, drinking water points and their access to physically challenged personnel should be provided in the proposed Master Plan.	Immediately	22.08.2017	The zoo has already proposed more number of civic facilities like toilets, drinking water points and their access to physically challenged

					persons in the master lay-out plan. These are being incorporated in APO for 2022-23
25	10.12(3)	The newly-proposed pathways are not friendly to visitors on wheel chairs. They should be made accessible to visitors on wheel chairs	One year	22.08.2017	Being incorporated in the APO for 2022-23
1. General Requirements					
1	1.1	The zoo has been breeding among the existing population of spotted deer since 1978. There has not been any effort to infuse new bloodline. The population control measures may be implemented immediately. The population of animals may be restricted as per the holding capacity of the enclosure.	One year	22.06.2016	154 no. (59 no. male and 95 nos. female) have been translocated to Buxa Tiger Reserve in compliance with Memo No.379/ WL/2W-260 dt. 09.02.2018 of the Conservator of Forests, Wildlife, Headquarters, WB. At present the stock of spotted deer in Bardhaman Zoological Park is 76 (19:31:26). A proposal approved by WBZA is there for translocation of spotted deer 40. (15:25) nos. to Sundarban National Tiger Reserve vide their No. 12/WBZA /T-21/21-22 dt. 02.07.2021. This will be implemented soon.
2	1.5	The zoo is located within the premises of a wildlife sanctuary. Providing a masonry wall all around may not be a feasible option. Whenever the sanctuary boundary and the zoo boundary form the common boundary dividing the human landscape, a masonry wall should be provided for such length to avoid encroachment and trespassing by humans and stray dogs & livestock.	Two years	22.06.2016	Already complied with.
3	1.5	The residential accommodation should be separated out of the zoo campus by providing a wall with separate entry/exit gates. Common access from the zoo should be stopped.	Immediately	22.06.2016	Already completed.
4	1.7	a) Soil should be turned inside the animal enclosures on regular basis and enclosures disinfected to reduce soil borne parasites and diseases. b) All uneaten grains, food & fruits, etc. Should be removed from the animal enclosures on daily basis and disposed off in hygienic manner in specially dug covered pits outside the zoo campus	With immediate effect	22.06.2016	Being complied Being done
2. Administrative & staffing pattern					
5	2.2	A full-time veterinarian should be appointed for day-to-day health management of animals in the zoo.	One year	22.06.2016	A retired VO and a Vet. Asstt. have been engaged on contractual basis for the purpose.
3. Development and planning					
6	3.1&2	All future development of the zoo should	One year	22.06.2016	Master Plan has been approved

		be done as per the CZA approved Master Plan only and APO (annual Plan of Operation) prepared accordingly.			and accordingly enclosures are being constructed.
7	3.4	The zoo has in-captivity sloth bear, rhesus, monkey, bonnet monkey, four horned antelope, barn and horned owl and kites and eagle. Appropriately designed enclosure for all above animals should be constructed in the area as earmarked in the proposed Master (layout) Plan.	One year	22.06.2016	Being complied with.
8	3.5	All facilities for captive animals including pucca building like feeding & night shelters should be created in such a way that they do not compromise the natural landscape, drainage and without affecting the overall cleanliness and hygiene of the campus.	Immediately	22.06.2016	Complied with.
9	3.6	The future collection plan of animals should be prepared and got approved from CZA. Carrying capacity of animal enclosures should be fixed.	Immediately	22.06.2016	Animal collection plan has been approved by CZA vide their No. 22-67/2004-CZA (473)(NE) dt. 27.07.2021.
10	3.7	Without creation of an isolation cum quarantine enclosure, the zoo should not accept rescued animals	Immediately	22.06.2016	Being complied with
11	4.1 & 5	Bonnet & rhesus macaque, sloth bear, four horned antelope, horned owl, barn owl, kites and eagles, pelicans are ktp in substandard enclosures. The zoo should construct enclosures as per the CZA prescribed norms and master plan	Two years	22.06.2016	Standard Animal enclosures Completed. Construction of a new aviary is being tendered.
12	4.2	The design and dimensions of propped enclosures to be constructed for sloth bear, langur and rhesus macaque should be of the size prescribed by CZA. Similarly, the height of chainlink fence barriers for all deer enclosure should be increased to 3 metres in height	One year	22.06.2016	Complied with
13	4.6	There exists opportunity to create near naturalistic habitat in proposed Chital, sambar and banking deer enclosures. Trees could be thinned to nmake way for small grassy patch and water bodies.	Two years	22.06.2016	Being done
14	4.9	Standoff barriers should be provided all along the new proposed enclosures and visitor pathway to prevent teasing and feeding of animals. Appropriate signage warning the visitors of consequences of violation may also be provided at various places	One year	22.06.2016	Already complied with.
15	4.10	All animal enclosures shall be provided with signage having relevant information on the biology of the animals and population status of the species.	One year	22.06.2016	Complied with
4. Upkeep and healthcare of animals					
16	5.2	Suitably designed platforms should be provided in the feeding store for stocking dry ration. Stainless steel drums could be used for storage of choker, gram etc. Exhaust fans should be installed to reduce moisture inside the feed store	One year	22.06.2016	Already complied with.

17	5.4	Kraals of dimensions prescribed by the CZA shall be created in chital, sambar and barking deer enclosures	One year	22.06.2016	Already complied with.
18	5.5	Leftover food should be removed from the enclosures on daily basis. Dubng should also be removed from the enclosures periodically and in consultation with veterinary doctor.	Immediately	22.06.2016	Being done
19	5.8	Herd animals should be screened periodically through random sampling for parasitic loads and prophylactic measures taken under guidance of the veterinary doctor. A written schedule should be prepared and implemented	Immediately	22.06.2016	Being done
20	5.9	All zoo staff involved in upkeep and healthcare of animals should be subjected to annual health check-up to avoid spread of zoonotic diseases	Immediately	22.06.2016	Being done
21	5.10	Daily reporting by the animal keepers should be introduced through Keepers' Diaries and daily reports as per the CVZA prescribed format	Immediately	22.06.2016	Being done
5. Veterinary and infrastructure facilities					
22	6.1	The existing treatment room is not fit to qualify for treating sick and injured animals. A treatment room should be of such dimensions that it can cater to attending small mammals like pangolin to large animals like sambar by the doctor. A kraal for recuperating of animals, a dispensary for storing lifesaving drugs and other veterinary equipments should also be provided	One year	22.06.2016	Zoo veterinary unit has already been established and required things/items are being added regularly.
23	6.6	The zoo should enter into a written MoU with the District Animal Husbandry Department & Research laboratory for – 1. Round the year veterinary support 2. Training of zoo personnel 3. Annual population management	Immediately	22.06.2016	WBZA has agreement (MoU) with Directorate of Animal resource and aAnimal Health, Govt. Of West Bengal.
6. Postmortem and disposal of carcass of animals					
24	7.1&2	Every animal that dies in the zoo should be subjected to detailed post-mortem by a registered veterinarian. The findings should be recorded in the CZA prescribed format and maintained at the zoo premises and open for inspection	Immediately	22.06.2016	Being Complied With
25	7.4	An incinerator be installed for safe disposal of animal carcasses and other bio wastes including shed antlers, etc.	Immediately	22.06.2016	Will be installed soon
9. Acquisition and breeding of animals					
26	9.1&2	Inbreeding may have taken place in the population over the years. Efforts should be made for selective swap of female animals amongst deer population of other nearby zoos like Bonpukuria Deer Park in Bankura or Jhargram Zoo,.	One year	22.06.2016	Will be carried out with intervention of WBZA
27	9.3	The zoo should refrain from acquiring single sexed animals in the form of	Immediately	22.06.2016	Being complied with

		rescued animals for display. Rather the rescued animals shall be tried for rehabilitation in their natural habitat soon after their recuperation from sickness/injury.			
28	9.4	Single animals like bonnet macaque, salt water crocodile, four horned antelope, adjutant stork should be paired, failing which they should be sent to other zoos under the direction of CZA	Immediately	22.06.2016	Will be carried out with intervention of WBZA
29	9.7	The zoo should initiate programmes for restocking of protected areas of the State with their surplus deer population by entering into an agreement with them and provide founder animals for breeding in soft release areas created specifically in the buffer zones of PAs. This will help in augmenting the ever decreasing prey base for carnivores in the PAs of south West Bengal.	Two years	22.06.2016	Will be carried out with intervention of WBZA
10. Research activities					
30	10	The zoo should enter into an agreement with Bandhhaman University and local colleges for allowing graduate/postgraduate students to carry out their dissertation on various aspects of animal biology. The findings can help the zoo in better and scientific management of captive animals.	Immediately	22.06.2016	Shall be implemented shortly.
11. Education and outreach activity					
31	11.1	The zoo should develop a year long educational calendar and initiate activities for educating the visitors on the significance of wildlife/biodiversity conservation and ecosystem services provided by the animal kingdom	Immediately	22.06.2016	Will be carried out with intervention of WBZA
12. Visitors facilities					
32	12.1	More number of civic facilities like toilets, drinking water points and their access to physically challenged personnel should be provided in the new proposed master plan	Immediately	22.06.2016	Being complied with
33	12.2	Anti venom and life saving drugs should be stored in the zoo campus	Immediately	22.06.2016	Efforts are being made in this direction.
34	12.3	The newly proposed pathways are not friendly to visitors on wheel chairs. They should be paved with paver blocks to make it accessible to visors in all weather conditions.	One year	22.06.2016	Being complied with.
Other observations					
35	Zoo authorities without awaiting for approval of Master Plan by CZA have started development activities like construction of pheasant enclosure and tendering for rhesus and langur enclosures. No work should be taken up without approval of the master plan. The ongoing work without approval of the master plan be stopped forthwith		Immediately	22.06.2016	Revised Master Plan has been approved by CZA vide their letter No. 22-67/2004-CZA (473)(NE) dt. 27.07.2021. Accordingly enclosures are being constructed.
36	The zoo should provide the CZA a list of rescued animals for the last 10 years and the status of these animals		Immediately	22.06.2016	Already submitted.
37	The zoo should provide the CZA a list of all animals		Immediately	22.06.2016	Already submitted

	kept in the zoo and its source of acquisition			
38	The zoo has total population of 60 plus chital and there is a visible space constraint. Population control measures should be put in place rather than creating more and more enclosures for them	Immediately	22.06.2016	Translocation of excess deer to other suitable habitat has been taken up by WBZA.

28. List of free living wild animals within the zoo premises

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

Free living animal species occurring in the Bardhaman Zoological Park, Ramnabagan campus, Bardhaman

Sl. no.	Local name	English name	Scientific name
A	Mammals		
1	Beji, Neul	Common mongoose	<i>Herpestes edwardsi</i> Geoffroy
2	Beji, Neul	Small Indian mongoose	<i>Herpestes auropunctatus</i> Hodgson
3	Chamchika	Indian pipistrelle	<i>Pipistrellus coromandra</i> Gray
4	Kathbirali	Three striped squirrel	<i>Funambulus palmarum</i> Linnaeus
5	Indur	Indian mole rat	<i>Bandicota bengalensis</i> Gray & Hardwicke
6	Indur	Common house rat	<i>Rattus rattus</i> Linnaeus
B	Reptilia		
1	Girgiti	Common garden lizard	<i>Calotes versicolor</i> Daudin
2	Tiktiki	Northern house gecko	<i>Hemidactylus flaviviridis</i> Ruppel
3	Halde Gosap	Yellow monitor	<i>Varanus flavescens</i> Gray
4	Dhaman	Common rat snake	<i>Ptyas mucosus</i> Linn.
5	Jal dhonra	Checkered keelback	<i>Xenochrophis piscator</i> Schneider
6	Helesap	Buffstriped keelback	<i>Amphiesma stolata</i> Linn.
7	Chiti	Common Indian krait	<i>Bungarus caeruleus</i> Schneider
8	Gokhura	Indian Cobra	<i>Naja naja</i> Linn.
C	Birds		
1	Korche bok	Smaller egret	<i>Egretta intermedia</i> Waglor
3	Gobok	Cattle egret	<i>Bubulcus ibis</i> Linnaeus
5	Dahuk	White breasted waterhen	<i>Amaurornis phoenicurus</i> Pennant
7	Paira	Blue rock pigeon	<i>Columba livia</i> Gmelin
8	Tile ghughu	Spotted dove	<i>Streptopelia chinensis</i> Scopoli
9	Kanthi ghughu	Indian ring dove	<i>Streptopelia decaocto</i> Frivaldszky
10	Bulbul	Red vented bulbul	<i>Pycnonotus cafer</i> Linnaeus
11	Sipai bulbul	Red whiskered bulbul	<i>Pycnonotus jocosus</i> Linnaeus
12	Halde bulbul	Black headed yellow bulbul	<i>Pycnonotus malanicterus</i> Gmelin
13	Chhatare	Jungle babbler	<i>Turdoides striatus</i> Dumont

14	Bochka	Night heron	<i>Nycticorax nycticorax</i> Linnaeus
15	Doyel	Magpie robin	<i>Copsychus saularis</i> Linnaeus
16	Shyama	Shyama	<i>Copsychus malabaricus</i> Scopoli
17	Kali shyama	Indian robin	<i>Saxicoloides fulicata</i> Linnaeus
18	Halde khanjan	Yellow wagtail	<i>Motacilla flava</i> Linnaeus
19	Fulchusi	Thickbilled flowerpecker	<i>Dicaeum agile</i> Tickell
20	Durga tuntuni	Purple sunbird	<i>Nectarinia asiatica</i> Latham
21	Charai	House sparrow	<i>Passer domesticus</i> Linnaeus
22	Lal munia	Red munia	<i>Estrilda amandava</i> Linnaeus
23	Danrkak	Juggle crow	<i>Corvus macrorhynchos</i> Wagler
24	Kak	House crow	<i>Corvus splendens</i> , Vicillot
25	Hanrichancha	Tree pie	<i>Dendrocitta vagabunda</i> Latham
26	Fingey	Black drongo	<i>Dicrurus adsimilis</i> Bechstein
27	Lal shalik	Common myna	<i>Acridotheres tristis</i> Linnaeus
28	Guye Shalik	Pied myna	<i>Sturnus contra</i> Linnaeus
29	Kokil	Koyel	<i>Eudynamis scolopacea</i> Linnaeus
30	Kubo	Crow pheasant	<i>Centropus sinensis</i> Stephens
31	Tia	Rose ringed parakeet	<i>Psittacula krameri</i> Scopoli
32	Tia	Blossom headed parakeet	<i>Psittacula cyanocephala</i> Linnaeus
33	Banspati	Green bee eater	<i>Merops orientalis</i> Latham
34	Macchranga	White breasted kingfisher	<i>Halcyon smyrensis</i> Linnaeus
35	Chhota macchranga	Common blue kingfisher	<i>Alcedo atthis</i> Linnaeus
36	Laxmi pencha	Burn owl	<i>Tyto alba</i> Scopoli
37	Benebou	Black headed oriole	<i>Oriolus xanthornus</i> Linnaeus
38	Sonabou	Golden oriole	<i>Oriolus oriolus</i> Linnaeus
39	Fatka	Lesser pied kingfisher	<i>Ceryle rudis</i> Linnaeus)
40	Nilkantha Basantabouri	Blue throated barbet	<i>Megalaima asiatica</i> Latham
41	Kaththokra	Lesser golden backed woodpecker	<i>Dinopium benghalense</i> Linnaeus
42	Tuntuni	Tailor bird	<i>Orthotomus sutorius</i> Pennant
D	Amphibia		
1	Kuno bang	Toad	<i>Bufo melanostictus</i> Schneider
2	Sona bang	Frog	<i>Rana tigerina</i> Daudin

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**Ex-officio Director, Bardhaman Zoological Park &
Divisional Forest Officer, Burdwan Division**