

# ANNUAL REPORT-1992-93

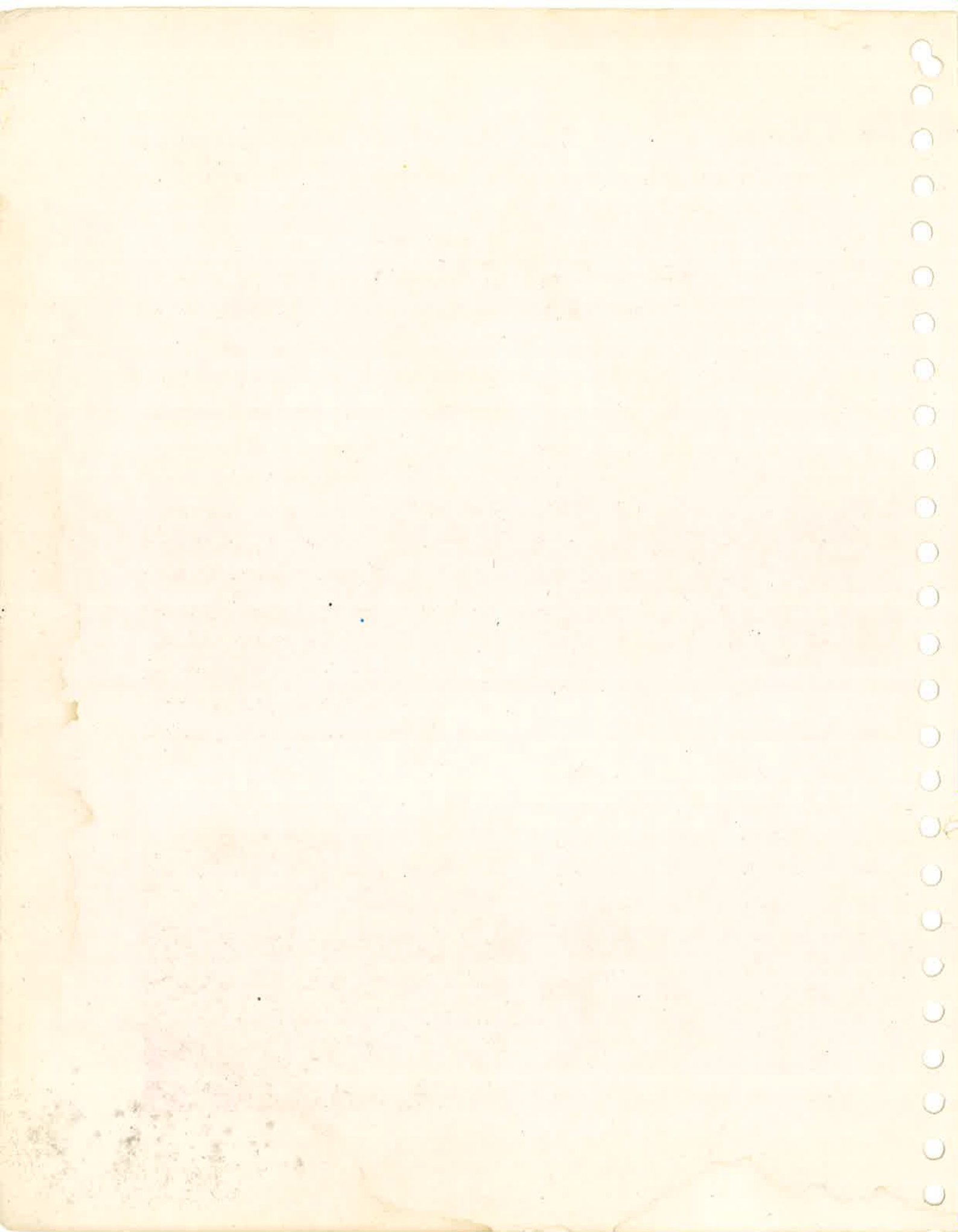


**CENTRAL ZOO AUTHORITY**  
NEW DELHI

**CENTRAL ZOO AUTHORITY**  
(Ministry of Environment & Forests)

SECOND  
ANNUAL REPORT  
1992-93

**Headquarters**  
Barrack No.4, Bikaner House,  
Shahjahan Road  
New Delhi - 110 011



## INTRODUCTION

The Central Zoo Authority was constituted on 3rd February 1992 to oversee and monitor the management of Zoos in the country in such a manner that they contribute significantly in the Ex-situ Conservation of rare and endangered species.



## INFRASTRUCTURE

The conditions of service etc. of chairperson, Members and Member-Secretary of the Central Zoo Authority were finalised in consultation with the Ministry of Law and notified on 8.12.1992 (Annexure - 1). According to approved rules an interview for making selection of a suitable candidate for the post of Member-Secretary was held on 4.3.1993. The secretarial staff viz the Administrative Officer, the Accounts Officer and others were taken either on contract basis or on foreign service to make the

Zoo Authority functional pending formal creation of various posts by the competent authority.

## MEMBERSHIP

Ms Sally Walker, Secretary Zoo outreach organisation was appointed as the 10th Member of the Zoo Authority vide Notification NO. 6-3/91-WL 1 of 1.4.92 (Annexure -II). Shri Ashish Chandola resigned the membership of the Central Zoo Authority and his resignation was accepted by the competent authority and in his place Ms Sheela Pasricha was appointed as Member, Central Zoo Authority vide Notification dated 4th May 1992 (Annexure -III). It was decided by the Authority that the President of the Indian Zoo Directors Association, Chairman Animal Welfare Board and the Additional Inspector General (Forests) should be the permanent invitees in the meetings of the Zoo Authority.



## MEETINGS OF THE ZOO AUTHORITY

The meetings of the Authority were held during the year as per details given below :

II Meeting on 6th April 1992

III Meeting on 12th May 1992

IV Meeting on 4th August 1992



## NOTIFICATION OF STANDARDS & NORMS FOR OPERATION OF ZOOS IN THE COUNTRY

The Wild Life (Protection) Act 1972 provides that no zoo shall be operated in the country without being recognised by the Central Zoo Authority. Every recognition by the Central Zoo Authority shall specify the conditions, if any, subject to which the Zoo shall be operated. The recognition can be granted after having due regard to the interest of protection and conservation of Wild Life and the prescribed Standards & Norms as under Section 38H of the Act.

In these Circumstances, the foremost task before the Central Zoo Authority was to finalise the Application Form for recognition and the Standards & Norms subject to which the zoos can operate.

The proposals formulated by the Sub-Committee constituted for the purpose were placed before the Central Zoo Authority in its meeting held on 6.4.92 for consideration and approval. After obtaining the approval of the Authority, the draft Standards & Norms were circulated to the Chief Wild Life Wardens and the Directors of various Zoos inviting their comments. After consideration of the comments received from the Chief Wild Life Wardens and Zoo Directors, the Application Form and the Standards & Norms subject to which the recognition has to be granted were finalised in consultation with the Legislative Department of the Ministry of Law and were notified on 4th August 1992 as Recognition of Zoo Rules, 1992. A booklet containing these rules with a foreword by the Chairman, Central Zoo Authority/Minister of State for Environment & Forests was printed and made available to all concerned.

## APPLICATIONS FOR RECOGNITION

According to Section 38H of the Wild Life (Protection) Act the Zoos which were already in existence at the time of the Act coming into

force had to make applications for recognition within 6 months of the 4th February 1992. As this period had already elapsed before the Zoo Rules, 1992 could be notified, the Central Zoo Authority decided to extend the period for making applications till 3rd August 1993. The Central Government issued an ordinance in this regard on 23.10.92 which was subsequently replaced by an Act of Parliament.

In the meantime the letters were addressed by the Chairman, Central Zoo Authority ; Secretary (Environment & Forests) and the Member-Secretary, Central Zoo Authority to the State Governments and the Zoo Directors to make applications for recognition within the prescribed time limit. Advertisement in the national and local newspapers was also given to this effect to ensure that all concerned are duly informed in time.

As a result of these efforts, 143 applications for recognitions were received till 31st March 1993 (Annexure -IV)

#### **ORGANISATION OF LOGO CONTEST.**

In order to create awareness about the role of the Zoo Authority in wild life conservation at National level, the Zoo Authority decided in its meeting held on 4th August, 1992 to organise a logo contest for selecting a suitable Logo for the Authority. Wide publicity to the role and objec-

tives of the Central Zoo Authority was made in the national and local newspapers through advertisements for the Logo Contest. In all 1387 entries from different parts of the Country were received. The entries were submitted by all age-groups and persons from all walks of life. Although some entries were quite imaginative, no entry was found fit for adoption as the Logo of the Authority. Centre for Environment Education, Ahmedabad has now been requested to develop a logo for the Authority using the ideas from the selected entries.

#### **FINANCIAL ASSISTANCE TO ZOOS.**

The Central Zoo Authority decided to provide financial assistance to different Zoos in the country mainly for the following works and accordingly the proposals were invited from the Zoos vide letter No. 13-2/92 - CZA dated July 20, 1992.

- (i) Improvement of animal housing and enclosures.
- (ii) Improvement of water supply for the animals.
- (iii) Upgradation of veterinary facilities.
- (iv) Arrangement for hygienic storage of food for feeding animals.
- (v) Captive breeding programme for rare and endangered species.

- (vi) Development of better signage aiming at adequate scientific information to the visitors.
- (vii) Programme for exchange & breeding loans between different Zoos.
- (viii) Construction of boundary wall.

During 1992-93 the Central Zoo Authority received grant-in-aid of Rs. 75 lacs from the Ministry of Environment & Forests. Out of this, financial assistance amounting to Rs.72,85,500/- was released to the different zoos after proper scrutiny of the proposals. Summary of the assistance released is as follows:



S. No.	Particulars of the Zoo	Amount
1.	Van Vihar National Park, Bhopal (MP)	7,20,000.00
2.	Kanpur Zoological Park, Kanpur (UP)	85,000.00
3.	Prince of Wales Zoological Garden Trust, Lucknow (UP)	5,25,000.00
4.	Arignar Anna Zoological Park, Vandalur, Madras (TN)	6,00,000.00
5.	Jaipur Zoo, Jaipur (Rajasthan)	3,20,000.00
6.	Bikaner Zoo, Bikaner (Rajasthan)	3,22,500.00
7.	Jodhpur Zoo, Jodhpur (Rajasthan )	32,500.00
8.	M.C. Zoological Park, Chhat Bir (Punjab)	2,00,000.00
9.	Nandankanan Zoological Park, Bhubaneswar (Orissa)	4,87,500.00
10.	Manipur Zoological Garden, Imphal (Manipur)	3,00,000.00
11.	Maharjabag Zoo, Nagpur (Maharashtra)	2,25,000.00
12.	Padamaja Naidu Himalayan Zoological Park, Darjeeling (WB)	7,00,000.00
13.	Bannerghata National Park, Bannerghata	8,00,000.00
14.	Sri Chamarajendra Zoological Gardens, Mysore (Karnataka)	3,50,000.00
15.	Zoological Garden, Alipore, Calcutta (WB)	4,61,000.00
16.	Guwahati Zoo, Guwahati (Assam)	3,82,000.00
17.	Itanagar Zoological Park, Itanagar	7,75,000.00
<b>Total:</b>		<b>72,85,500.00</b>





### **CAPTIVE BREEDING PROGRAMME**

Captive breeding of endangered species is one of the main concerns of the Zoo Authority. The Central Zoo Authority in its meeting held on 4th August 1992, therefore, constituted a captive Breeding Specialist Group comprising the following as members:

#### **Members of the Central Zoo Authority**

1. Dr. Jacob Cheeran
2. Ms. Sally Walker

#### **SCIENTISTS**

3. Shri S. Bhoopathy
4. Shri B.C. Chowdhury
5. Dr. J.H. Desai
6. Shri S. Paul Raj
- Shri A.K. Roy Chowdhury

### **DIRECTORS OF ZOOS**

8. Dr. A.K. Das  
Director Alipore Zoo
9. Shri T. Ramakrishna  
Director, Hyderabad Zoo
10. Shri B.C. Magadur  
Director, Mysore Zoo
11. Dr. A.K. Jha  
Director, Patna Zoo
12. One representative from Zoological Survey of India
13. One representative from Bombay Natural History Society
14. Shri Cherian Norboo, Wildlife Official from Jammu & Kashmir
15. Member Secretary of the CZA was nominated as convenor of the meetings of the Specialists Group.

The Group met on 15th September 1992 and identified the species coordinators and the participating zoos in the cooperative programme of a number of species. The list of species identified for captive breeding is placed at Annexure - V.



#### **PERMANENT IDENTIFICATION MARK ON ANIMALS**

In the fourth meeting of the Zoo Authority, it was decided that for carrying out Captive Breeding Programme of endangered species on scientific lines, it is essential to have a permanent identification mark on the animals involved in the Captive Breeding Programme. With this fact in view, it was decided to accept a gift of 400 transponders and 10 scanners from the KOEN Zoo (Germany) and use the same for identification of species under the overall guidance of Director, Wild Life Institute, Dehradun.

#### **RUNNING OF EATING HOUSES INSIDE THE ZOOS**

The members of the Authority were of

unanimous view that considerable harm is caused to the Zoos by the visitors by throwing away half eaten food packets in the zoo campus. There have been instances where such packets have resulted in the death of some animals. The tendency of feeding the animals by the visitors is also noticed. The Chairman of the Authority therefore appealed to all the State Governments to consider shifting the restaurants outside the zoo premises. The parlours for tea, coffee and cold drinks could, however, continue. The response of State Governments has been quite positive and several zoos have shifted the restaurants and eating houses outside the zoo campus.

#### **INVOLVEMENT OF STUDENTS IN THE MANAGEMENT OF ZOOS**

There is realisation amongst the members of the Central Zoo Authority that involvement of students from selected institutions can bring out a drastic improvements in the cleanliness and hygienic upkeep of the animals. It was, therefore, decided to evolve a detailed mechanism for involvement of students in the zoo management in such a manner that the safety of the animals as well as the students is ensured. The need for close coordination between the zoo staff and the students is also of vital importance. Detailed consultation with members and zoo Directors were held in this regard.

## **EXCHANGE PROPOSALS**

It was decided that primary objective of the exchange programme amongst the Indian Zoos and foreign zoos should be the ex-situ conservation of the species. No zoo is allowed to acquire animal if the climatic conditions and the housing facilities are not congenial to a particular species. With this fact in view several proposals for exchange of animals within the country as well as the foreign zoos were approved. The list is placed at Annexure - VI.

## **GIFT OF ASIATIC LIONS TO HELSINKI ZOO**

The Central Zoo Authority in its 2nd meeting decided to gift one male and two female Indian Lions to the Helsinki Zoo on the request of the Government of Finland to promote further collaboration between the Indian Zoos and Helsinki Zoo and strengthen the bonds of friendship between India and Finland more particularly in the area of nature conservation. These animals were presented by Minister of Environment & Forests/Chairman, Central Zoo Authority during his visit to Finland.

A pair of grey jungle fowl was also gifted by the Minister of Environment and Forests/Chairman, Central Zoo Authority of India to Crown Prince of Japan.

## **CENTRAL ZOO AUTHORITY FUND**

The Wild Life (Protection) Act 1972 as amended in 1991 provides for the Constitution

of a fund to be called the Central Zoo Authority Fund where in besides grants etc. from the Central Government, all sums received by the Authority from such other sources as may be decided upon by the Central Government are to be credited. The grant-in-aid from the Central Government being not sufficient enough to meet the requirements of the various zoos in India, it was considered necessary to incorporate in the proposed Fund Rules a provision for obtaining donations from Individuals, Corporate and non-corporate bodies, International Institutions and Non-Resident Indians. In order to attract donations the Ministry of Finance was approached to allow tax concession to such donors.

## **APPOINTMENT OF AUDITORS**

The Comptroller and Auditor General was approached through the Ministry of Finance for appointment of auditors for the Zoo Authority and also to prescribe the format of annual Statement of Accounts. The Director of Audit, Scientific Departments has since been appointed auditors to carry out the audit of Central Zoo Authority.

## **ANNUAL ACCOUNTS :**

A copy of the Annual Accounts of the Central Zoo Authority for the Year 1992-93 containing Receipts and Payments Account, Income & Expenditure Accounts and Balance Sheet together with the Audit Certificate are placed at Annexure-VII.

**MINISTRY OF ENVIRONMENT AND FORESTS**

New Delhi, the 8th December, 1992

G.S.R. 601-In exercise of the powers conferred by clause (b) of sub-section (1) of section 63 of the Wild Life (Protection) Act, 1972 (53 of 1972), the Central Government hereby makes the following rules regulating the conditions of service etc., of chairperson, members and Member-Secretary of the Central Zoo Authority, namely :-

1. Short title and commencement-(1) These rules may be called the chairperson, members and Member-Secretary of the Central Zoo Authority (conditions of service) Rules 1992.  
(2) They shall come into force on the date of their publication in the Official Gazette.
2. Definitions - In these rules, unless the context otherwise requires -
  - (a) "Act" means the Wild Life (Protection) Act, 1972 (53 of 1972);
  - (b) "Authority" means the Central Zoo Authority constituted under section 38A;
  - (c) "Chairperson" means the Chairperson of the Authority appointed under section 38A;
  - (d) "Fund" means the Central Zoo Authority Fund Constituted under sub-section (2) of section 38E;
  - (e) "Member" means the member of the Authority appointed under section 38A;
  - (f) "Member-Secretary" means the Member-Secretary of the Authority appointed under section 38A;
  - (g) "section" means section of the Act;
  - (h) All other words and expressions used in these rules were not defined but defined in the Act shall have the meanings respectively assigned to them in the Act.
3. Travelling and other allowance to the chairperson and members-(1) The chairperson and members shall be entitled to draw from the Fund the travelling and daily allowance for journey performed for attending the meetings of the Authority or for the purpose of discharging such duties as may be assigned to them by the Authority, at the highest rate admissible to Grade I Officer of the Central Government.  
(2) Notwithstanding anything contained in sub-rule (1), the chairperson or any other member, who is a member of Parliament or of the State Legislature, shall not be entitled to any remuneration other than the allowances as defined in clause (a) of section 2 of the Parliament (Prevention of Disqualification) Act, 1959 (10 of 1959) or as the case may be, other than the allowances, if any, which a member of the Legislature of the State may, under any law for the time being in force in the State relating to the prevention of disqualification for membership of the State Legislature, receive without incurring such disqualification.

(3) No travelling and daily allowance shall be allowed to the chairperson or any member unless he certifies that he has not drawn any travelling or daily allowance from any other source in respect of the journey and halt for which the claim is made.

4 Appointment of Member-Secretary-(1) The Central Government shall, by notification in the Official Gazette, appoint a Member-Secretary who shall be the Chief Executive Officer of the Authority and shall exercise such powers and perform such duties as assigned to him by the Chairperson.

(2) Subject to relaxation for SC/ST candidates as laid down by the Central Government, no person above the age of fifty five years shall be appointed as Member-Secretary and shall not remain in the office after attaining the age of sixty years.

(3) A person to be appointed as Member-Secretary shall have the following essential and desirable qualifications :

**Essential Qualifications :**

- (a) Master's degree in Zoology or Wild Life Biology or Veterinary Science of a recognised University or equivalent, with twenty years experience in the post equivalent to Group 'A' post of the Central Government; or
- (b) Ph. D. degree of a recognised University in Zoology, or Wild Life Biology or Veterinary Science with 15 years experience in the post equivalent to Group 'A' post of the Central Government;
- (c) Indian Forest Service Officers serving as Conservator or Forests or in an equivalent rank having twenty years regular service with reference to year of allotment;
- (d) Out of the service indicated in (a), (b) and (c) above, the person must have at least 3 years experience as whole time Director/Officer-in-Charge of a Zoo.

Desirable-Experience in formulation of policies and programme on matters relating to wildlife conservation

5. Salary and allowances of the Member-Secretary-The Member-Secretary shall be entitled to the salary in the pay scale of Rupees 5900-200-6700 and shall be entitled to draw travelling and daily allowance at the highest rate admissible to Grade I Officer of the Central Government.

S.S. HASURKAR, Jt. Secy.,

Annexure II

**MINISTRY OF ENVIRONMENT AND FORESTS**  
**NOTIFICATION**  
New Delhi, the 1st April, 1992

S.O. 261 (E) :- In exercise of the powers conferred by section 38A of World Life (Protection) Act, 1972 (53 of 1972), the Central Government hereby appoints Ms Sally Walker to be a member of the Central Zoo Authority vide constituted by notification of the Government of India in the Ministry of Environment and Forests number S.O. 113 (E), dated the 3rd February, 1992, published in the Gazette of India, Extra Ordinary, Part II, section, 3 sub-section (ii) date 3rd February, 1992 and for that purpose makes the following amendments the aforesaid notification namely:-

1. In the aforesaid notification dated the 3rd February, 1992, after serial number 10 and the entries relating thereto, the following serial number and entries shall be inserted, namely:-

10A,	Ms. Sally Walker,	Member
	Pioneer House,	
	P.B. No. 1683,	
	Peelamedu,	
	Coimbatore,	
	Tamil Nadu.	

2. The Central Government under sub-section (1) of section 38B of the above mentioned Act, hereby specifies that Ms. Sally Walker shall hold office as member upto the 2nd February, 1995.

(No. F. 6-3/91-WL-1)  
S.S. HASURKAR, Jt. Secy.

**MINISTRY OF ENVIRONMENT AND FORESTS  
NOTIFICATIONS**

New Delhi, the 4th May, 1992

S.O. 315 (E) -In exercise of the powers conferred by Sections 38A and 38B of the Wild Life (Protection) Act, 1972 (53 of 1972), the Central Government hereby appoints Ms. Sheela Pasricha to be a member of the Central Zoo Authority with effect from the date of publication of this notification in the Official Gazette up to 2nd day of February, 1995 and directs that the following emendments shall be made in the notification of the Government of India in the Ministry of Environment and Forests No. S.O. 113 (E), dated the 3rd February, 1992. namely :-

In the said notification for serial number 9 and the entries relating thereto, the following shall be substituted, namely :-

“9, Ms. Sheela Pasricha  
E-4, Palm Springs,  
104, Cuffe Parade, Colaba  
Bombay-400005

Member

(No. 1 6-3/91-WI-1)  
S.S. HASURKAR. Jt. Sec.

## LIST OF ZOOS WHOSE APPLICATIONS FOR RECOGNITION WERE RECEIVED DURING 1992-93

S.NO.	Name of the Zoo
1.	Jawaharlal Nehru Biological Park, Bokaro. ✓
2.	Sri Chamarajendra Zoological Garden, Mysore. ✓
3.	Madras Crocodile Bank, Centre for Herpetology, ✓
4.	Mobile Anita-Zoo, Rishi Bankim Nagar, 24 Parganas (South) ✗
5.	Padmaja Naidu Himalayan Zoological Park, Darjeeling. ✓
6.	Chitra Touring Zoo, Calcutta. ✗
7.	Madras Snake Park Trust, Guindy, Madras. ✓
8.	Aizawl Zoo, Mizoram. ✓
9.	Fertilizer nagar Deer Park, Mini Zoo, Gujarat State, Vadodara. ✗
10.	Bondla Zoo, Goa. ✓
11.	Van Vihar National Park, Bhopal.
12.	Sayaji Baug Zoo, Baroda. ✓
13.	Jaya Mobile Zoo Howrah. ✗



S.NO.	Name of the Zoo
14.	Maitry Baag Zoo, Bhilai.
15.	GEER Foundation, Gandhi Nagar.
16.	Mini Zoo, Amridhi, Vellore - 5 T
17.	Bal Bhavan, Rastriya Udyan, T Rajkot.
18.	Mini Zoo, Haddo, J, Port Blair.
19.	Nehru Zoological Park, Hyderabad.
20.	Udaipur Zoo, J Udaipur (Raj)
21.	Prince of Wales Zoological Garden, J Lucknow, (UP).
22.	Miniature Zoo/ Animal cum Bird Park T Assam Regimental Centre, Shillong.
23.	Jodhpur Zoo, Jodhpur (Raj).
24.	Kota Zoo, Kota, Rajasthan.
25.	Zoological Garden, Alipore, Calcutta.
26.	Bikaner Zoo, Bikaner, Rajasthan.
27.	Tata Steel Zoological Park, Jamshed Pur.
28.	Rajkot Municipal Corporation, Rajkot.

S.NO.	Name of the Zoo
29.	Sakkarbaug Zoo, Junagarh.
30.	Sanjay Gandhi Biological Park, Patna (Bihar).
31.	Indira Gandhi Zoological Park, Visakhapatnam.
32.	Mahendra Chaudhry Zoological Park, Chatbir (near Chandigarh) Punjab.
33.	Mini Zoo, Sector 6, ✕ Chandigarh.
34.	Tiger Safari, Ludhiana.
35.	Kanpur Zoological Park, Kanpur.
36.	Itanagar Zoo, Itanagar.
37.	V.O.C. Park Mini Zoo, Coimbatore.
38.	Nandankanan Biological Park, Bhubaneshwar (Orissa).
39.	St. Joseph's Mini Zoo, ✕ Coonoor.
40.	Sundervan Nature Discovery Centre Ahmedabad.
41.	Venkateswara Zoological Park, Tirupathi.
42.	Jaipur Zoo, Jaipur (Rajasthan).
43.	Kamla Nehru Zoological Park, Ahmedabad (Gujarat).

S.NO.	Name of the Zoo
44.	Deer Park, Narain Tewari-Dewal, Almora (UP).
45.	Thiruvananthapuram Zoo, Kerala.
46.	Kamla Nehru Park Prani Sangrahalaya Indore.
47.	Narmada Wildlife Complex, GNFC's Wildlife Complex, Narmadanagar Township Bharuch. +
48.	Mini Zoo Sangrur, Chandigarh, + Punjab.
49.	Deer Park, Neelon, Distt. Ludhiana (Pb).
50.	Deer Park, Bir Moti Bagh, Patiala.
51.	Deer Park, Bir Talab, Bhatinda. +
52.	Arignar Anna Zoological Park, Vandalur, Madras.
53.	Deer Park, Kondajji Harihar Taluk, Chitradurga Distt., + Karnataka.
54.	Mini Zoo at A.M. Gudi, Balavana, Chitradurga, + Karnataka.
55.	Bannerghatta Zoological Garden, Bangalore.
56.	Mini Zoo, Rose Garden, Ludhiana. +

S.NO.	Name of the Zoo
57.	Manjunatha Mobile (Mini) Zoo Bharathi Puram, Madras. †
58.	Nature Park, Bhatinda (Punjab). †
59.	Mini Zoo, Pinjore (Ambala). †
60.	Mini Zoo, Pipli, Kurukshetra.
61.	Mini Zoo, Bhiwani.
62.	Mini Zoo, † Jind.
63.	Mini Zoo, Rohtak
64.	Deer Park, Hissar.
65.	Deer Park, † Panipat
66.	Deer Park, † Chandimandir, Ambala
67.	Bijni Park-cum-Mini Zoo † Assam.
68.	Kurundapatti Zoological Park, Salem Forest Division, Tamil Nadu.
69.	New Janta Travelling Zoo, † Patna
70.	Bharat Zoo, Chilkana, † Saharanpur.

S.NO.	Name of the Zoo
71.	Assam State Zoo-Cum Botanical Garden, Guwahati (Assam).
72.	Bajrang Zoo, Dist. Darbanga.
73.	Namada Chilume Deer Park, Tumkur Distt. Karnataka
74.	Maharajbagh Zoo, College of Agriculture, Nagpur.
75.	Kapilash Zoo Dhenkanal (Orissa)
76.	Taptapani Deer Park Parlakhmundi, Orissa.
77.	Kuanria Deer Park, Cuttack.
78.	Sameer Udyan Zoo, Sakarwadi, Ahmed Nagar
79.	Biological Park, Ranchi (Bihar)
80.	Gemini Tourist Zoo, Mirshikar Toli, Patna
81.	Children Park and Zoo, Shimoga (Kar)
82.	Deer Park Papadahandi, Nawarangpur Division.
83.	State Museum & Zoo, Trissur (Kerala).
84.	Gandhavardan Deer Park, Balangir Division (Orissa)
85.	Harishankar Deer Park, Balangir Division (Orissa)

S.NO.	Name of the Zoo
86.	Mini Zoo, Ram Bagh, Amaritsar. †
87.	Motijharan Deer Park, Sambalpur †
88.	Tourist Janta Zoo, Mirshikar Toli, Patna. †
89.	New Raymond Tourist Zoo, † Mirshikar Toli, Patna.
90.	Raymond Tourist Zoo, † Mirshikar Toli, Patna
91.	Diamond Tourist Zoo † Mirshikar Toli, Patna
92.	Ajanta Tourist Zoo, † Mirshikar Toli, Patna.
93.	Amar Tourist Zoo, † Mirshikar Toli, Patna
94.	Van Prani Udyan, Izatnagar (Bareilly)
95.	Vanya Jantu Vihar, † Dak Pathar Dist. Dehradun (UP)
96.	Mini Zoo, Abubshahar, † Distt. Sirsa (Hy.)
97.	Bhutnal Deer Park & Mini Zoo, † Bijapur, Karnataka
98.	Srinagar Deer Park cum Zoo, Salim Ali National Park, Srinagar (J &K)
99.	Manda Mini Zoo, Ram Nagar Jammu, J & K

S.NO.	Name of the Zoo
100.	Mansar Mini Zoo, Jammu (J & K)
101.	Baguwa Pheasant Firm, South Sikkim, Gangtok. †
102.	Rustomji Deer Park, Gangtok (Sikkim)
103.	Sepahijala Zoological Park, Tripura West, Tripura
104.	Children's Corner Guindy National Park, Madras.
105.	Deer Park † Patichari, Tripura
106.	Mahatma Gandhi Rastriya Udyan (Zoo) Bijapur Road, Sholapur
107.	Hutatma Bag Prani Sangrahalaya, † Solapur.
108.	Deer, Children & Snake Park, Kadri, Mangalore.
109.	Kampambudi Deer Park, † Bangalore City, Bangalore
110.	Himalayan Nature Park, Kufri
111.	Zoo Tutikundi † Shimla
112.	Renuka Zoo & Lion Safari, Renuka, Dist. Sirmur (HP)
113.	Gopal Nature Park, † Gopalpur Distt. Kangra (HP)

S.NO.	Name of the Zoo
114.	Mini Zoo, Dharmasala.
115.	Deer Park Haus Khas New Delhi
116.	Deer Park, Research Station, Vempalli, Sirpur (AP)
117.	Corporation Park, Jogmaya, Howrah. ✕
118.	M/o Park and NH Park Jhilmil PH II ✕ (Deer Park), Vivek Vihar New Delhi
119.	Zoological Park, Dilshad Garden, New Delhi
120.	H.A.L. Deer Park Koraput Division (Orissa) ✕
121.	Pt. Gobind Ballabh Pant High Altitude Zoo, Nainital
122.	Chitoorgarh Deer Park, Udaipur.
123.	Sanjay Gandhi Mrig Vatika ✕ Mangalore Dist. Hardwar.
124.	Sorkayalahalli Children & Deer Park, Kolar Dist.
125.	Antharagange Children Park, Kolar Dist. Karnataka.
126.	Kaiwara Tapowana, Chintamani Taluk, Kolar Dist. Karnataka
127.	Children & Mini Zoo Dharwad.
128.	Gharial Research & Conservation Unit at Tikarpara, Angul.



<b>S.NO.</b>	<b>Name of the Zoo</b>
129.	Van Chetna Kendra Nangal Saharanpur (UP)
130.	Himalayan Zoological Park, Bulbulley, Gangtok (Sikkem)
131.	Mini Zoo Deer Park, Chickmagalur (Karnataka).
132.	Sarnath Deer Park, Sarnath, Varanasi (UP)
133.	Orphanage cum Rescue Home, Amte's Animal Park, Dist. Gadchiroli (MS)
134.	Children Park & Zoo, Gadag, Karnataka
135.	Tribal Museum, Koraput
136.	Deer Park Chittoor (AP)
137.	S.I. Works Quarry Pvt. Ltd., Baroda
138.	Manipur Zoological Garden, Manipur.
139.	Calcutta Snake Park, Zoological Garden (WB)
140.	Deer Park, Hindalco, PO : Renukoot (UP)
141.	Safari Park, Haridasji KI Magri, Udaipur.
142.	Deer Park, Shikarbadi, Udaipur V.O.C. Park Mini Zoo, Erode Madras (TN)

**LIST OF SPECIES IDENTIFIED FOR CAPTIVE BREEDING IN INDIAN ZOOS TO BUILD UP STOCK AND POSSIBLE REINTRODUCTION AT A LATER STAGE.**

Species	Species Coordinator	Zoos identified for captive breeding of priority species.
1. Swamp deer	Chief Wild Life Warden Uttar Pradesh	Lucknow, Kanpur, Kullu, Delhi, Chandigarh, Mysore as Satellite centers
2. Mouse deer	Director, Mysore Zoological Garden	Mysore Zoo, Vandalur Zoo, Nehru Zoological Park
3. Sangai	Dr. J.H. Desai, W.I.I.	Manipur, National Zoological Park, Alipore Zoo, Calcutta.
4. Hangul	Chief Wildlife Warden Jammu & Kashmir	(Dachigam as and when situation improves).
5. Four-horned antelope	Shri Ramakrishna Director of Zoos, A.P.	Mysore, Hyderabad, Kanpur, Bhopal Nandankanan.
6. Chinkara	Chief Wildlife warden Rajasthan.	Jaipur, Kanpur and Delhi.
7. Indian rhinoceros	Addl. IGF (WL)	Guwahati, Kanpur, Calcutta, Patna.
8. Gaur	Chief Wild Life Warden, Karnataka.	Mysore, Vandalur, Vishakhapatnam.
9. Indian Wild Ass	Chief Wildlife Warden Gujrat	Junagadh, Ahmedabad, Baroda.
10. Lion-tailed macaque	Chief Wildlife Warden Tamil Nadu	Vandalur, Mysore, Trivandrum, National Zoological Park.
11. Golden Langur	Chief Wildlife Warden Assam	Guwahati, Itanagar, Calcutta.
12. Nilgiri langur	Chief Wildlife Warden Tamil Nadu.	Vandalur, Trivandrum, Trichur.
13. Indian Lion	Director, National Zoological Park.	Calcutta, Delhi, Junagarh, Hyderabad. Van Vihar Bhopal.

14. Snow leopard	Director, Padmaja Naidu Himalayan Zoological Park	Darjeeling Zoo.
15. Clouded Leopard	Chief Wild Life Warden Bihar	Patna, Guwahati
16. Sloth bear	-do-	Jamshedpur, Ranchi, Vandalur.
17. Fishing cat	Chief Wildlife Warden, West Bengal	Calcutta, Nandankanan, Kanpur.
18. Leopard cat	Director, Nehru Zoological Park, Hyd.	Patna, Nandankanan, Manipur.
19. Wolf	Director, Arignar Anna Zoo, Vandalur	Vandalur, Hyderabad, Nandankanan Jaipur.
20. Wild dog	Director, Vandalur Zoo	Nehru Zoological Park, Vandalur Zoo.
21. Giant squirrel	Director, Vandalur Zoo	Vandalur
22. Rock python	Director, Madras Snake Park	Nandankanan, Vandalur and Madras snake park.

EXCHANGE PROPOSAL FINALISED DURING 1992-93

Annexure VI

Sl. No.	Name of the Indian Zoo	Indian Zoo to give	Name of the Foreign Zoo	Foreign Zoo to give
1.	Nandankanan Biological Park	Gharial 2:4	Singapore Zoological Park	Bornean Orang Utan 1:0
2.	-do-	-	Auckland Zoological Park, New Zealand	Chimpanzee 1:2 (free of Cost)
3.	-do-	-	Parco Zoo Eautosafari Delgovda, Italy	European Brown Bear 1 : 1
4.	-do-	White Tiger 1 : 1	Riyadh Zoo Garden Kingdom of South Arabia	Bacterion Camel 1 : 1 Zebra 1:1 Scimitar Oryx 1 : 1 Water Buck 1 : 1 Dik Dik 1:1 Lemur 1:1 Marmoset 1:1
5.	-do-	White Tiger 1 : 0	Singapore Zoological Gardens, Singapore.	Orang Utan 1 : 2
6.	-do-	Gharial Crocodile 1 : 3	Burger's Zoo B. V. Arnhem Holland	Blue & Yellow Macaw 2 : 2
7.	Padmaja Naidu Himalayan Zoological Park Darjeeling.	Leopard 1 : 1	Bhutan Zoo	Takin 1 : 1

S.No,	Name of the Indian Zoo	Indian Zoo to give	Name of the Foreign Zoo	Foreign Zoo to give
8.	-do-	-	New York Zoological Society, U.S.A.	Snow leopard 1:1 (Breeding loan)
9.	Padamaja Naidn Himalayan Zoological park,	Indian Lion 1:2	Helsinki zoo	Markhor 1:1 Himalayan 1:1 Tahr
10.	Nehru Zoological park, Hyderabad	Four horned Antelopes 2:4 Chinkaras 2:2 Malayan Para-keets 3:3	San Diego wild animal park, U.S.A.	Zebras 1:1 American 2 : 2 Bison Malayan Sun Bear 2:2
11.	Zoological Garden, Alipore, Culcutta	Sarus Crane 1:1	Singapore Zoological Garden	puma 1:1
12.	Mysore Zoo	—	Tel Aviv Zoo, Israel	Gorilla 1:0
13.	Nehru Zoological Park	—	Taronga Zoo, Australia	Chimpanzee 2:4

**CENTRAL ZOO AUTHORITY**  
**Receipts and Payments for the year ending 31.3.1993**

R eceipts		P ayments	
To Opening Balance	5,25,000.00	By Salaries	1,48,036.00
To Gant-in-aid from Central Government	75,00,000.00	By Wages	28,695.00
To Recoveries from pay bills remitted to Government Deptt other bodies.	14,755.60	By Grant to zoos	72,85,500.00
To Recoveries of Festival Festival Advance	180.00	By Equipment & Machinery	1,26,385.00
To Misc. Receipts :- (i) Fees received from zoos with applications for recognition	71,500	By Furniture, Fixtures & Fittings	1,04,782.00
(ii) Fees received from applicants for the Post of Member Secretary	160	By Travelling Expenses	1,26,461.00
To Income Tax	6.00	By Books & Periodicals	40,150.00
To Interest of Fixed Deposit	52,156.00	By Stationery	18,985.95
		By Printing & Binding	3.20
		By Electrical Maintenance	14,626.45
		By Conveyance & Cartage	7,100.00
		By Fees & Honorarium	2,300.00
		By Telephone Charges	13,947.00
		By Postage & Telegrams	4,282.00
		By Misc. Petty Expenditure	19,663.95
		By Bank Commission	13,195.50
		By Entertainment	1,315.00
		By Festival Advance	600.00
		By O.T.A.	621.00
		By Medical Reimbursement	894.00
		By Remittance to other Govt. Dept./other bodies-deduction from staff taken on Foreign Service	14,755.60
		By Advertisement and Publicity	1,05,839.00
		Cash balance :-	
		At Bank	83443.90
		In hand	175.45
		Imprest with Admn. Officer	2000.00
			85,619.35
<b>Total</b>	<b>81,63,757.60</b>	<b>Total</b>	<b>81,63,757.60</b>

## CENTRAL ZOO AUTHORITY

### Income and Expenditure Account for the Year 1992-93

	Expenditure		Income
To Salaries	1,48,036.60	By Grand-in-aid	75,00,000.00
To Wages	28,695.00	By Fee received	71,500.00
To Travelling Expenses	1,26,461.00	from zoos for recognition	
To Stationery	18,985.95	By Fee received from applicants for the post of Member Secretary	160.00
To Printing & Binding	3.20		
To Electrical Maintenance	14,626.45	By Interest on Fixed Deposit from Syndicate Bank	52,156.00
To conveyance & Cartage	7,100.00	By Excess of Expenditure over Income	1,67,649.65
To Fees & Honorarium	2,300.00		
To Telephone Charges	13,947.00		
To Postage & Telegrams	4,282.00		
To Misc. Petty Expenses	19,663.95		
To Bank Commission	13,195.50		
To Entertainment	1,315.00		
To Overtime Allowance	621.00		
To Medical Reimbursement	894.00		
To Advertisement & Publicity	1,05,839.00		
To Grant to various zoos	72,85,500.00		
<b>Total</b>	<b>77,91,465.65</b>	<b>Total</b>	<b>77,91,465.65</b>

Accounts Officer

Member Secretary

## CENTRAL ZOO AUTHORITY

Balance Sheet as at 31st March, 1993

	Liabilities		Assets	
CZA Fund			<b>Fixed Assets</b>	
Opening balance	6,60,000.00		Furnitures	
Less :			Fixtures & Fittings :	
Expenditure Over Income for the year 1992-93	1,67,649.65		Opening (1991-92)	1,35,000.00
Income Tax Payable	6.00		Additions during 1992-93	1,04,782.00
	4,92,350.35		Equipment & Machinery	1,26,385.00
			Book & Periodicals	40,150.00
			Festival Advance (Recoverable from staff members)	420.00
			Cash & Bank Balance	
			Balance with Syndicate Bank	83,433.90
			Cash in hand	175.45
			Imprest with Admn. Officer	2000.00
				85,619.35
<b>Total</b>	<b>4,92,356.35</b>	<b>Total</b>		<b>4,92,356.35</b>

Accounts Officer

Member Secretary



## CENTRAL ZOO AUTHORITY

### Permanent Assets as on 31.3.1993

Sl. No.	Particulars	Opening Stock (1991-92)	Additions during the year	Total
1.	Renovation of office Building, Furniture, Fixtures & Fittings	1,35,000.00	1,04,782.00	2,39,782.00
2.	Equipment & Machinery		1,26,385.00	1,26,385.00
<b>Total</b>		<b>1,35,000.00</b>	<b>2,31,167.00</b>	<b>3,66,167.00</b>

Member Secretary

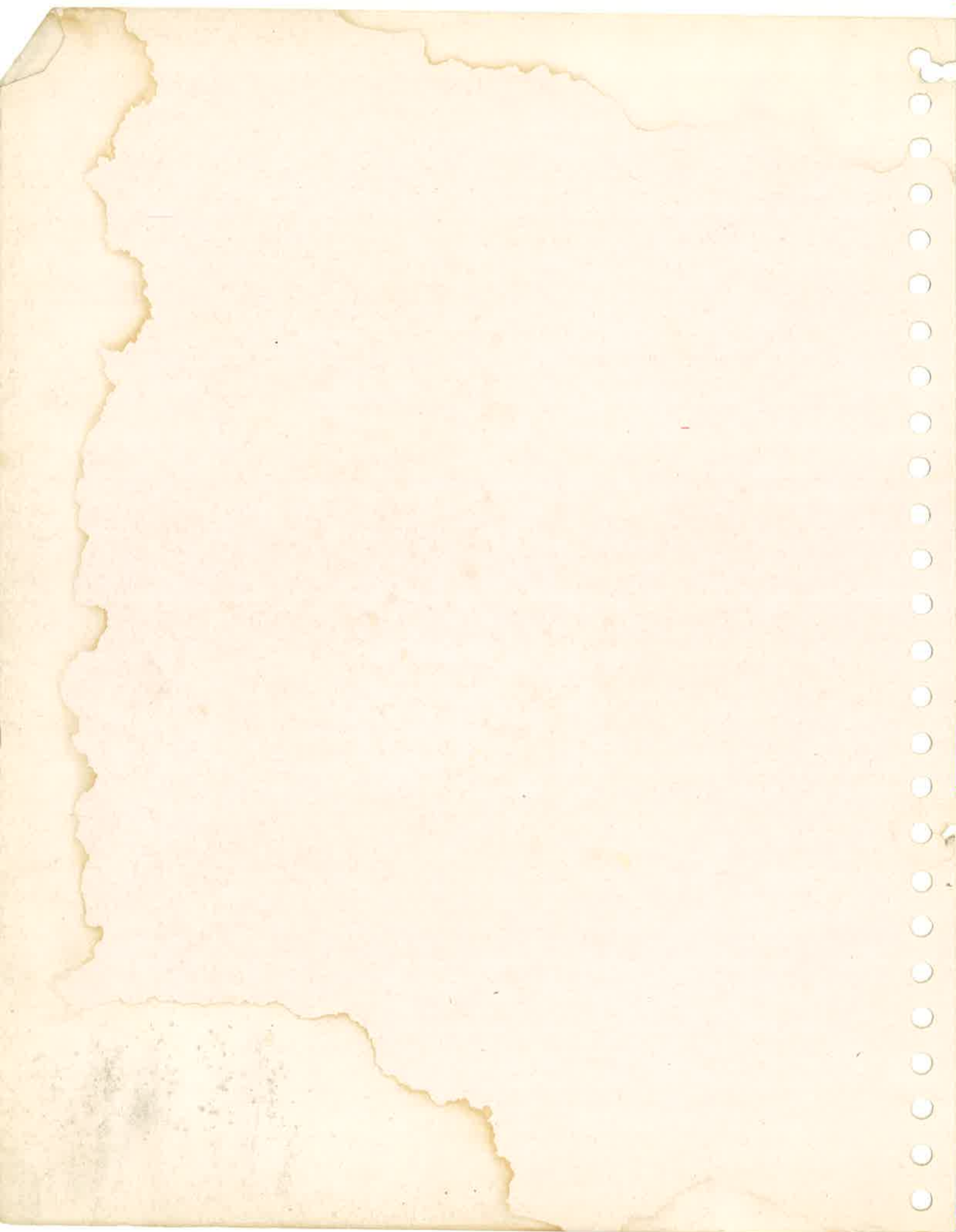
Accounts Officer

### **AUDIT CERTIFICATE**

I have examined, the Receipt and Payment Account, Income and Expenditure Account for the year ended 31st March 1993 and the Balance Sheet as on 31st March 1993 of the Central Zoo Authority of India, New Delhi. I have obtained all the information and explanations that I have required, and subject to the observations in the appened Audit Report, I certify, as a result of my audit, that in my opinion these accounts and balance Sheet are properly drawn up so as to exhibit a true and fair view of the state of affairs of the Central Zoo Authority of India New Delhi according to the best of information and explanations given to me and as shown by the books of the organisation.

New Delhi  
Dated :

Pr. Director of Audit



List of Photographs

Front Page	Tibtatan Wolf	-	Darjeeling Zoo
Page No. 1.	Red Panda	-	Darjeeling Zoo
	Otter	-	Hyderabad Zoo
2.	Malayan Giant Squirrel	-	Nandan Kanan Zoo
3.	Mouse Deer	-	Nandan Kanan Zoo
6.	Gharial	-	Hyderabad Zoo
7.	Snow Leopard	-	Darjeeling Zoo

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