

**STUDY
ON
MANAGEMENT OF WILDLIFE PROTECTED
AREAS IN
INDIA**

Questionnaire - A

Sponsored by

**Ministry of Environment and Forests
Government of India**

Indian Institute of Public Administration

**STUDY
ON
MANAGEMENT OF WILDLIFE PROTECTED
AREAS IN
INDIA**

Questionnaire - A

**Sponsored by
Ministry of Environment and Forests
Government of India**

**Indian Institute of Public Administration
New Delhi
1989**

GUIDELINES FOR FILLING IN THE QUESTIONNAIRE

As responses to this questionnaire would be fed into a computer, you are requested to read and follow the guidelines carefully and thereby help us to ensure that the information is correctly recorded.

1. The questionnaire may kindly be filled and despatched back WITHIN ONE MONTH of receipt. Please do not delay your response, as this would hold up the compilation for the whole country.

2. Period for which data is required has been indicated in the questionnaire. Where data is not available for the period required, KINDLY GIVE DATA FOR THE NEAREST AVAILABLE PERIOD AND INDICATE CLEARLY THE PERIOD FOR WHICH DATA IS BEING SUPPLIED BY YOU.

3. For the sake of brevity, the term 'park' has been used instead of park/sanctuary at certain places. However, all such questions should also be answered in the case of sanctuaries.

4. Wherever the space given in the questionnaire for recording answers is found inadequate, kindly attach extra sheets of paper INDICATING THE PAGE NUMBER AND QUESTION NUMBER which is continued in these sheets.

5. All references to the Act and sections, unless otherwise specified, are to the Wild Life (Protection) Act of 1972.

6. Much of the information is asked for separately for core zone (CZ) and buffer zone (BZ). Where the park/sanctuary has not been demarcated into these two zones, KINDLY GIVE INFORMATION FOR THE WHOLE PARK/SANCTUARY UNDER THE CORE ZONE (CZ) COLUMN, AND CANCEL BOTH THE HEADINGS OF CORE ZONE (CZ) AND BUFFER ZONE (BZ).

7. VERY IMPORTANT : While filling in the questionnaire please:

(a) WRITE "N.A." against any question not applicable to your park/sanctuary.

(b) LEAVE BLANK the space against any question that you do not have the answer to. In case you expect to have this information available by some future date, please indicate this date IN THE MARGIN ON THE LEFT OF THE QUESTION NUMBER.

AS ONE OF THE FUNCTIONS OF THIS QUESTIONNAIRE IS TO DETERMINE THE QUANTUM OF INFORMATION AVAILABLE WITH THE PARK/SANCTUARY AUTHORITIES, KINDLY ENSURE THAT ONLY THOSE ANSWER SPACES ARE LEFT BLANK FOR WHICH YOU DO NOT HAVE INFORMATION.

8. While giving data that you might not be totally certain about, kindly indicate the reasons for your reservations by a footnote at the bottom of the page, clearly stating the question number to which the foot-note refers.

9. Wherever the data being provided has not been collected officially, kindly give its source in a footnote at the bottom of the page.

10. STATISTICAL DATA MAY KINDLY BE PROVIDED IN THE UNITS ASKED FOR IN THE QUESTIONNAIRE. In case the data available with you is in some other units, please convert it to the relevant units before entering it in the questionnaire. In those rare cases where such a conversion is not possible, kindly indicate the units in which the data is being given.

11. The following abbreviations have been used in the questionnaire:

Sec. =	Section of Act	A =	Adjacent Areas
ha. =	hectares	P =	Park/sanctuary
Est. =	estimated	CZ =	core zone
No. =	number(s)	BZ =	buffer zone
NGO =	Non-governmental Organisation		
Adjacent village/areas = Villages/areas in a 10 km radius of the park/sanctuary boundary.			

12. This questionnaire may kindly be filled in duplicate. One copy may be retained by you as your record copy and also to refer to if there are any further queries regarding the questionnaire. The original, along with its enclosures (see list of required enclosures below) may kindly be filled and sent, by registered post, to:

Shekhar Singh
Project Director
Indian Institute of Public Administration
Indraprastha Estate
New Delhi - 110 002.

LIST OF DOCUMENTS TO BE SENT WITH THIS QUESTIONNAIRE

1. Copy of management plan(s)/development scheme(s)/working plan(s).
2. Copy of the sanctioned budget of the park/sanctuary for the last 3 years.
3. Copy of notification(s) of park/sanctuary.
4. Copy each of any material published, cyclostyled or typed, on the park/sanctuary.
5. Copy of any study done on the park/sanctuary, including census figures.
6. Copy of future plans, management plans or work proposals.
7. Copy of future budget proposals.
8. Maps of park/sanctuary as specified in Part III (pp. 26-27) of questionnaire.
9. Copy of scheme for relocating human population, and other related documents.
10. Checklists of flora and fauna found in the park/sanctuary.
11. List of villages/towns inside the park/sanctuary.
12. Any other material that you might consider useful or that might provide required data or information.

QUESTIONNAIRE - I

Name and full address
(including Pin Code)
of park/sanctuary
(Please ensure that
names and spelling are
as officially notified)

State/Union Territory

Name, designation and full
address of the park/sanctuary
Director

Telephone No. :
Official/Residential

Date of receipt of
questionnaire

Date of despatch of filled
questionnaire

Signature of park/sanctuary Director

FOR COMPUTER CODING - PLEASE DO NOT FILL

Date of receipt

Park/sanctuary Code

Date of coding

Signature of coder

PART - I

LEGAL ASPECTS

Part-I of this questionnaire is primarily aimed at defining the legal position of the area. The information sought is mainly factual in nature and relates to the various sections of the Wild Life (Protection) Act 1972. SECTIONS MENTIONED IN BRACKETS REFER TO THIS ACT.

LEGAL STATUS

Please tick-mark (_\/_) the relevant answers, where applicable, and otherwise give information required.

- 1 Is the area you are responding about?
- 2 A sanctuary _____
- 3 An intended national park (where intention has been declared under section 35 of the Act) _____
- 4 A notified national park (where final notification has been issued under section 35:4 of the Act) _____
- 5 Which of the following steps have been taken with regard to your national park/sanctuary, and when ?*
- 6 Declared a sanctuary (under Acts prior to the 1972 Act)?

	Day	Month	Year
YES _____	_____	_____	_____
NO _____	_____	_____	_____
- Was this declaration valid for a limited period of time? If so, for what period? _____
- 7 Declared a sanctuary by notification (under the 1972 Act)?

YES _____	_____	_____	_____
NO _____	_____	_____	_____ (18)
- Have the limits of the sanctuary been defined in accordance with section 18:2 of the Act?

YES _____
NO _____
- 8 Constituted a national park (under Acts prior to the 1972 Act)?

YES _____	_____	_____	_____
NO _____	_____	_____	_____
- Was this declaration valid for a limited period of time? If so, for what period? _____

*Where notification is under any Act/Legislation prior to/other than the Wildlife (Protection) Act, 1972, please specify which Act/Legislation. Please send a copy of each notification relevant to the park.

- 9 The intention declared to constitute it into a national park, by notification (under the 1972 Act)? YES _____ (35)
NO _____

Have the limits of the national park been defined in accordance with section 35:2 of the Act? YES _____
NO _____

- 10 Proclamation Issued by the Collector? YES _____ (21)
NO _____
- 11 Commencement of enquiry by the Collector, into claims preferred/ otherwise existent ? YES _____ (22)
NO _____
- 12 Completion of such an enquiry ? YES _____
NO _____
- 13 Passing of order, by Collector, of admitting or rejecting claims ? YES _____ (24:1)
NO _____
- 14 Ordering the exclusion, from the National Park/Sanctuary of any of the portions for which claims have been admitted ? YES _____ (24:2(a))
NO _____
- 15 Appointment of Settlement officer ? YES _____
NO _____
- 16 Execution of agreements between the government and owners(s) of such lands/ rights which are to be included in the National Park/Sanctuary and for which claims have been admitted ? YES _____ (24:2(b))
NO _____
(If more than one agreement, give dates of completion of all)
- 17 Initiation of acquisition procedures for lands/rights which are to be included in the National Park/Sanctuary and for which claims have been admitted ? YES _____ (24:2(b))
NO _____
(If more than one case, give dates of initiation of all)
- 18 Completion of acquisition procedures ? YES _____
NO _____

- 19 Settling of appeals,
if any ? YES _____
NO _____
- 20 Issuing of final noti- YES _____
fication for park? NO _____ (35:4)
- 21 Original area of park/ Hectares Date of declaration (18:1)
sanctuary, as initially or
declared/notified. _____ (35:1)
- 22 Present area of park/
sanctuary (lands already
acquired). _____ ha
- 23 Alteration of boundaries since date of initial notification: (35:5)

Reference/date of resolution by State Legislature	Areas in Hectares		Reasons for adding/ deleting
	Added	Deleted or denotified	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

- 24 Has final notification been issued for any area added in case of
a national park ? YES _____ No _____
- 25 Are there portions of the park/sanctuary which are not under the
control (as specified in section 33 of Act) of the wildlife wing?
If so, please list giving details :

Area (in ha)	Location (Name of area North portion/ South East portion etc.)	Who controls it ?
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

26 Please give details of each case of illegal occupation/use of the park:

Activity	Ha. illegally occupied/used	By whom	Since When	Action taken by park authorities
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

27 Are permits issued for entry of visitors into the park/sanctuary....

- by vehicle? YES ___ NO ___ - on foot? YES ___ NO ___

28 Who issues these permits? _____

29 Kindly list all the permits issued for hunting or removing of wildlife, etc., as per Section 29:1 or Section 35:6, in the last five years :
(attach extra sheet if necessary)

Year of Issue	Name and designation of recipient	Period for which permit was valid	Name of species and number permitted to be hunted/removed (Please specify)	Reasons why such a permit was issued
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

30 Details of areas within park/sanctuary currently being used by Government Departments/Agencies (including by territorial wing of Forest Department) other than the wildlife wing:

	Area used	Which Dept./Agency carries out these activities?	Date of commencement of activity
30a Irrigation	_____ ha	_____	_____
30b Hydel	_____ ha	_____	_____
30c Fisheries	_____ ha	_____	_____
30d Roads	_____ km	_____	_____
30e Mining/ Quarrying	_____ ha	_____	_____
30f Agriculture	_____ ha	_____	_____
30g Tourism	_____ ha	_____	_____
30h Military	_____ ha	_____	_____
30i Industry	_____ ha	_____	_____
30j Transmiss- ion lines	_____ km	_____	_____
30k Housing	_____ ha	_____	_____
30l Archaeology	_____ ha	_____	_____
30m Forestry Operations:			
Timber	_____ ha	_____	_____
Bamboo	_____ ha	_____	_____
Minor forest produce	_____ ha	_____	_____

Other (please specify, e.g. police, horticulture, water works, sanitation, etc.)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

31 Give the following details regarding rights/leases/concessions of villagers, industries and others currently existing in park/sanctuary:

Nature of activity	Is it a right(R), lease(L), concession(C), other (Please specify)	Who has these rights/leases?	Area in which such rights exist, specifying CZ or BZ:
Grazing	_____	_____	_____ha
Hunting	_____	_____	_____ha
Fishing	_____	_____	_____ha
Timber	_____	_____	_____ha
Fuel Wood	_____	_____	_____ha
Minor Forest Products	_____	_____	_____ha
Quarrying	_____	_____	_____ha
Agriculture	_____	_____	_____ha
Habitation	_____	_____	_____ha
Religious Yatra	_____	_____	(Length)_____km
Religious Monuments	_____	_____	_____ha
Religious Fair	_____	_____	_____ha
Burial Grounds	_____	_____	_____ha
Right of Way (other than yatra)	_____	_____	(Length)_____km
Other (please specify)	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

32 Please give details of any proposed developmental project/activity which is likely to have an impact on the park:

Type of project	Agency Responsible	Expected date of Commencement	Possible impact on park
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----

33 Details of offences:

	No. of cases filed in the last three years seperately (specifying years)	Of offenders against whom cases were filed how many were:	Total number of convictions out of cases filed in the last three years:	Maximum penalty/fine awarded in the last three years for each category of crime:
	19__19__19__	G V O* :		
1. Improper Entry (27:1)	---	---	---	---
2. Improper conduct (27:2)	---	---	---	---
3. Hunting (29:1)	---	---	---	---
4. Causing Fire Hazard (30)	---	---	---	---
5. Illegal Weapons (31)	---	---	---	---
6. Use of explosives etc. (32)	---	---	---	---
7. Non-registration of arms(34:1)	---	---	---	---
8. Destruction of Habitat(35:6)	---	---	---	---
9. Grazing/entry of cattle(35:7)	---	---	---	---

* G = GOVT. SERVANT; V = VILLAGER; O = OTHER (please specify)

PART - II

PLANNING AND MANAGEMENT

General

34a What are the specific objectives of the park/sanctuary (Please tick one or more) ?

To preserve a unique ecosystem : Which ecosystem? :

To preserve a single species : Which species? :

To preserve a representative ecosystem :
Which ecosystem? :

To preserve exceptional genetic diversity :
In which group of animals/plants? :

For aesthetics/recreation/education/research (circle one and explain):

To maintain critical ecological functions (e.g. watershed) :

Other (Please specify) : -----

34b Were the size and shape of the park/sanctuary determined (Please tick)

To correspond to reserve/protected forest boundaries :

To be contained within some natural boundaries :

According to administrative convenience (Please specify) :-----

According to scientific principles (Please specify) :-----

Other (Please specify) :-----

- 34c Give a brief history of the area before it became a park/sanctuary specifying whether it was a reserve or protected forest, a royal hunting reserve etc.

- 35 Has a management plan been drawn up for the park/sanctuary?
YES _____ NO _____

- 36 Is this the first such plan? YES ___ NO ___
If not, how many previous plans have been made? _____

- 37 Please enclose a copy of the latest plan and also give the following information :

- 38 When was this plan prepared? Day Month Year

- 39 Name and designation of person(s)
who prepared the plan: _____
- 40 Was it approved, if so when ? _____
- 41 If pending approval, when was it submitted ? _____
- 42 For what period of time is it valid? _____ TO _____
- 43 If the period of validity has expired, is a new plan being drawn
up? YES ___ NO ___
- 44 If yes, who is preparing the new plan? (pl. give name and
designation) _____
- 45 Do you have a separate budget
allocation for your park/sanctuary? YES___ NO___

(Please enclose a copy of your budget proposals, both plan and non-
plan, for the last three years)

- 46 Has your park/sanctuary been divided
up into core and buffer or any other zones? YES___ NO___

If Yes, please give the following
details:

- 47 Area of core zone (CZ) _____ ha.
- 48 Area of buffer zone (BZ) _____ ha.
- 49 Area of tourism zone (TZ), if any _____ ha.
- 50 Area(s) of other zone(s)
(Please specify) _____ ha.
_____ ha.
- 51 Total area of park/sanctuary _____ ha.

Note: If the above zones have been further demarcated, please indicate
the area of each segment, and the basis for such segmentation.

- 52 If a Buffer Zone exists, please indicate whether:

BZ is sanctuary, while CZ is National park _____
BZ is outside the legally notified N/S _____
BZ is inside N/S, but only notional, not notified _____
BZ is inside N/S, notified as such _____

- 53 Where BZ is not within the notified N/S, kindly specify who
controls it? _____

54 If a Tourism Zone exists, please indicate whether:

TZ is separate from both BZ and CZ

TZ is a part of the BZ

TZ is a part of the CZ

Equipment

55 Please list below the type and quantum of modern equipment available to help in the management of park/sanctuary:

Description	Nos. available currently	Remarks
Wireless sets (fixed)	_____	_____
Wireless sets (mobile vehicle)	_____	_____
Wireless sets (handheld)	_____	_____
Rifles/guns	_____	_____
Binoculars/telescopes	_____	_____
Radio tracking equipment	_____	_____
Darting equipment	_____	_____
Infra-red viewers/nightscopes	_____	_____
Vehicles (Please specify type)	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
Boats	_____	_____
Other (Please specify):		
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Personnel

- 56 Please give details of wildlife wing staff in position and of other staff assisting in park management, separately for different designations:

Designation	Numbers	
	Wildlife	Others
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----

- 57 Please indicate who the local in-charge of the park is (i.e. the senior-most officer stationed at or just outside the park): _____
- 58 where is the local in-charge stationed? _____
- 59 Please indicate wildlife training, if any, received in the past or being received at present, by the different categories of staff currently in position.

Designation	Nos. with training	Nature of training	Duration of training	Institution where training was received/isbeing received
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

- 60 Have you had any experts (researchers/specialists/consultants) from outside the wildlife wing periodically or temporarily attached to your park ? If so, please give details as per the proforma below:

Name of expert and specialisation	Institution to which expert belonged	Who sponsored the expert's association with the park	The period of association, giving dates	What work was done by the expert
-----------------------------------	--------------------------------------	--	---	----------------------------------

- 61 Does a National/State highway or other public thorough-fare pass through the park?

YES _____ NO _____

- 62 If there is more than one, please mention how many: _____

- 63 If Yes, do all vehicles have to pass through a manned checkpoint when entering/leaving the park?

on entering	YES _____	NO _____
on leaving	YES _____	NO _____

- 64 Do all public on foot have to pass through similar manned checkpoints?

on entering	YES _____	NO _____
on leaving	YES _____	NO _____

(If there is more than one thoroughfare, please attach the above details for each thoroughfare seperately)

- 65 Does a railway line pass through the park? YES _____ NO _____

- 66 If yes please give: Gauge _____ From _____ To _____

- 67 Is there any inter-district, inter-state or international boundary creating special problems for your park, in terms of controlling disturbances and illegal activities, extending management practices across these borders, etc.?

YES _____ NO _____

- 68 If Yes, please give details:

69 From how many points can the park be entered by vehicle? _____

Of these, how many are manned? _____

From how many points can the park be entered on foot? _____

Of these, how many are manned? _____

(Note: this assumes that the rest of the area is either fenced or is otherwise inaccessible on foot/by vehicle; if this is not so, kindly explain the actual situation):

70 At what time of the day/night is entry prohibited into the park?

71 At what time of the year is entry prohibited into the park, and for what reasons? _____

72 Please give details regarding forest fires, if any, that occurred in your park/sanctuary in the last three years :

(Specify Years)	Total no.	Est. area damaged (ha.)		Main causes of fire	Total length of fire lines(km)	Other fire fighting measures existing
		CZ	BZ			
19____	-----	----	----	-----	-----	-----
19____	-----	----	----	-----	-----	-----
19____	-----	----	----	-----	-----	-----

73 Please give information regarding abnormal flooding, if any, in your park/sanctuary in the last three years :

(Specify Years)	Number of times flood water entered park	Est. area (ha) damaged due to floods in		Estimated loss of wildlife in nos. giving species and numbers	Details of flood control measures taken
		CZ	BZ		
19____	-----	----	----	-----	-----
19____	-----	----	----	-----	-----
19____	-----	----	----	-----	-----

74 Give details of droughts (abnormal water shortages), if any, that have affected your park in the last three years :

(Specify Years)	Drought months	% of area affected		Estimated loss of fauna giving species and numbers	Nature of remedial measures
		CZ	BZ		
19____	-----	----	----	-----	-----
19____	-----	----	----	-----	-----
19____	-----	----	----	-----	-----

75 Please give details of current problems of water and air pollution in your park:

Source of pollution	Nature of pollutants	Water source or other area polluted	Impact on ecosystem	Remedial measures taken
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

76 Give details of water logging/drainage problems in your park:

Nature of problem	Area (ha.) affected		Impact on ecosystem	Remedial measures taken
	CZ	BZ		
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

77 If there are any other recurring problems in park/sanctuary due to natural reasons (e.g. cloudbursts, avalanches, landslides, etc.), please give details below:

Nature of Problem	Area (ha.) affected		Periodicity of Occurrence	Impact on Ecosystem	Remedial measures taken
	CZ	BZ			
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----

78 Is a vaccination programme undertaken actively (by any Department) for livestock in the park/sanctuary and in surrounding villages?

Park/sanctuary YES -- NO -- Surrounding villages YES -- NO --

79 Approximate percentage of livestock vaccinated from:

Park/sanctuary villages -----%

Villages adjacent to park/sanctuary -----%

80 Where highways/public roads pass through the park/sanctuary, do you check whether the livestock passing through have been vaccinated?

Always ----

Occasionally ----

Never ----

81 Do quarantine facilities exist at or near entrance to park?

YES___ NO___

82 Give details of any outbreaks among wildlife of rinderpest, foot and mouth disease, rabies or any other diseases, noticed in the park and sanctuary in the last three years :

(Specify Years)	Name of disease	Species of fauna affected	No. of fauna affected	Possible cause of disease	Preventive measures taken
19___	-----	-----	-----	-----	-----
19___	-----	-----	-----	-----	-----
19___	-----	-----	-----	-----	-----

83 Give details of epidemics/disease/affectation by pests of plants in your park/sanctuary in the last three years :

(Specify Years)	Name of disease/ pest	Species of plants affected	Area(ha) affected		Possible cause of disease	Preventive measures taken
			CZ	BZ		
19___	-----	-----	---	---	-----	-----
19___	-----	-----	---	---	-----	-----
19___	-----	-----	---	---	-----	-----

84 Give details of perceived overpopulation of fauna (including typical wildlife and forest pest organisms):

(Specify Years)	Species over populated	Probable cause of over population	Possible/ estimated effect on ecosystem	Preventive/ curative measures taken (including use of pesticides)
19___	-----	-----	-----	-----
19___	-----	-----	-----	-----
19___	-----	-----	-----	-----

- 85 Attach a sheet giving details of the spread of any flora species in a quantum greater than considered healthy for the park ecosystem (including spread of noxious weeds, etc.), in the last three years, in the format given below:

Name of species (common & scientific)	Probable cause of this spread	Possible effect on the ecosystem	Preventive measures taken (including use of herbicides)
(Specify Years)			
19__	-----	-----	-----
19__	-----	-----	-----
19__	-----	-----	-----

- 86 Please give details of any locally threatened species of flora (i.e. species whose occurrence in the park has declined significantly) in your park :

Name of species (common and scientific)	Present status in park	Probable causes of decline	Measures taken to protect/regenerate these species
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----

87 Please give details of any locally threatened species of fauna (defined as above) in your park :

Name of species (common and scientific)	Estimated past pop- ulation (specify year)	Estimated present popu- lation (Specify year)	Probable causes of decline	Measures taken to protect/regenerate these species
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

88 Please give details of forest use activities taking place in the park/sanctuary, in the format given below:

	Allowed in		Est. revenue ge- nerated for Dept. last year 19____(specify year)
	CZ	BZ	
i. Felling of trees for timber	YES---NO---	YES---NO---	Rs. _____
ii. Collection of fallen trees for timber	YES---NO---	YES---NO---	Rs. _____
iii. Cutting of trees/ bamboos for pulp and for other industrial use	YES---NO---	YES---NO---	Rs. _____
iv. Cutting of trees for fire-wood	YES---NO---	YES---NO---	Rs. _____
v. Lopping of branches for firewood/fodder	YES---NO---	YES---NO---	Rs. _____

vi. Collection of
twigs/leaves for
fuel/manure/fodder YES---NO--- YES---NO--- Rs. _____

vii. Cutting/collecting
of:

a) Herbs/ plants	YES---NO---	YES---NO---	Rs. _____
b) Fruits	YES---NO---	YES---NO---	Rs. _____
c) Roots/Rhizomes	YES---NO---	YES---NO---	Rs. _____
d) Bark	YES---NO---	YES---NO---	Rs. _____
e) Seeds (e.g. sal)	YES---NO---	YES---NO---	Rs. _____
f) Flowers	YES---NO---	YES---NO---	Rs. _____
g) Cocoons	YES---NO---	YES---NO---	Rs. _____
h) Grasses	YES---NO---	YES---NO---	Rs. _____
i) Leaves (e.g. tendu)	YES---NO---	YES---NO---	Rs. _____
j) Bamboos	YES---NO---	YES---NO---	Rs. _____
k) Canes/Ratans	YES---NO---	YES---NO---	Rs. _____
l) Others (please specify)	YES---NO---	YES---NO---	Rs. _____

89 Please give details of plantation work carried out in the park in
the last three years:

Total area(ha) planted with trees in the CZ	Area planted (ha) in terms of proposed uses	By which Dept/ Agency	
			Wildlife habitat
19_	-----	-----	
19_	-----	-----	
19_	-----	-----	

90 Please give details of the species of trees and other plants planted in last three years:

Name of species (scientific & common)	Year of Plantation	Area(ha) planted in core zone	Area(ha) planted in buffer zone	Status (surviving, failed, etc)
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

91 Please give details of plantations older than three years:

Species Planted	Area in ha. CZ BZ	Year planted	Dept/ Agency planted by	Status (abandoned, being worked, naturally regenerating, etc)
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

92 Do you allow fodder from the park to be cut and used?

CZ : YES ____ NO ____ BZ : YES ____ NO ____

93 If Yes, who does the cutting?

Department ----- Contractor ----- Actual users -----

94 What percentage of the park area do you allow to be used for this

In CZ: _____ %

In BZ: _____ %

Grazing

95 Estimated population grazing in park

	From park villages	From adjacent villages	From other parts of the State	From outside the State	Total
Cows/ Buffalos	-----	-----	-----	-----	-----
Sheeps	-----	-----	-----	-----	-----
Goats	-----	-----	-----	-----	-----
Feral Cattle	-----	-----	-----	-----	-----
Mules/ horses	-----	-----	-----	-----	-----
Others (Pl. specify)	-----	-----	-----	-----	-----

96 Please give details of livestock grazing within park:

Livestock from	Grazing permitted in		% of park where grazing is allowed	Who issues permits	Months in which permitted
	CZ	BZ			
- Park Villages	YES--NO--	YES--NO--	-----	-----	-----
- Outside Villages	YES--NO--	YES--NO--	-----	-----	-----

97 Have you set any other limits to the amount/kind of grazing you allow inside the park/sanctuary? If so, pl. specify whether these limits are: Village wise _____ In number allowed _____ Other (pl. specify) _____ Further explanation, if any:

98 Of the livestock population grazing, approximately what numbers are authorised and what numbers are unauthorised?

Total	Autho- rised nos.	Unautho- rised nos.	Grazing fee (Rs.) per head of livestock			
			park vill.	Adjacent villages	Rest of State	Outside State
Cows/ Buffalos	-----	-----	-----	-----	-----	-----
Sheeps	-----	-----	-----	-----	-----	-----
Goats	-----	-----	-----	-----	-----	-----
Feral Cattle	-----	-----	-----	-----	-----	-----
Mules/ Horses	-----	-----	-----	-----	-----	-----
Others (pl. specify)	-----	-----	-----	-----	-----	-----

99 Are there any migratory graziers passing through the park as a part of their traditional route? If so, which community do they belong to? _____

100 When do they use the Park? _____

101 How many livestock do they bring? _____

102 Indicate whether park/sanctuary is open to tourists, and by what mode of transportation:

	Entire Park	Part of Park	Area closed, and reasons for closure
Private Vehicle	_____	_____	_____
Tourist/Govt. Vehicle	_____	_____	_____
On Foot	_____	_____	_____
Animal back	_____	_____	_____
Boat	_____	_____	_____
Other (Please specify)	_____	_____	_____

103 Please give whatever details you can about the number of tourists/visitors who visited your park last year :

Year _____ (pl. specify year)

No. of overnight visitors (Foreign) _____ (Indian) _____

No. of day visitors _____ Total No. of Visitors _____

104 Number of visitors on peak days _____

105 If there is a public throughfare or highway through the park, please indicate approximately the number of vehicles/persons passing through in the last year, other than those listed above -

Approx. _____ persons

Approx. _____ vehicles in the year _____ (pl. specify year).

106 Do you levy entry charges ? YES --- NO ---

107 Do you allow use of spotlights for night viewing? YES --- NO---

108 Give details of any places of historical/religious/cultural interest in your park:

109 Please give details of the accommodation available in, or immediately adjacent to, the park/sanctuary for officials/visitors, in the proforma below.

Name of guesthouse /lodge/rest house etc. and who runs it	Location (CZ/BZ/TZ/ outskirts)	Total number of beds	Is it open to non- officials
-----	-----	-----	YES-- NO--
-----	-----	-----	YES-- NO--
-----	-----	-----	YES-- NO--
-----	-----	-----	YES-- NO--
-----	-----	-----	YES-- NO--
-----	-----	-----	YES-- NO--
-----	-----	-----	YES-- NO--
-----	-----	-----	YES-- NO--

- 110 What are the future plans, if any, for extending tourist facilities in the park/sanctuary? Please give details:

- 111 What are the best months for visiting your park/sanctuary, and why?

Months	Reasons
--------	---------

-----	-----
-----	-----

- 112 Are there any non-governmental organisations/individuals associated with or active in your park?

YES ---- NO ----

- 113 If Yes, please give details of such association/activity, and the name(s) and address of these organisations/individuals:

- 114 Are there any Honorary Wildlife Wardens active in relation to your park? Please give their names, addresses and the period for which they have been appointed.

PART III

GEOGRAPHICAL, BIOLOGICAL & SOCIAL DATA

GEOGRAPHICAL

115 Please attach a map giving the following details where relevant. This map should contain a clear key of the codes/symbols used, the northerly direction sign, and the scale. If all the following details do not fit into one map, please fill them into separate maps:

- i Park boundary, also specifying area actually acquired, under acquisition and subsequently excluded, separately.

Please also mark, along the boundary, the type of adjoining habitat (e.g., reserve forest, agricultural land, etc.).
- ii Core and buffer area boundaries, and boundaries of tourism and other zones.
- iii Roads : Highway (please indicate whether state or national highway, and give its number)
Other metalled roads
Muaramed roads
Nature trails, cart roads, and footpaths
- iv Railway lines, indicating guage and ststions between which they run.
- v Water resources : Mark rivers, lakes, tanks, dams, canals, glaciers, springs, and all other significant water sources giving names, followed by (P) for Perennial and (NP) for Seasonal.
- vi Tourist buildings, staff quarters, offices, range headquarters and resthouses.
- vii Check points, manned and unmanned seperately.
- viii Watch towers and animal (including bird) enclosures.
- ix Artificial physical protective structures (fence, wall etc.) along park boundaries.
- x Villages and towns within and adjacent to park.
- xi Commercial, Social forestry or other fuel/fodder plantations.
- xii Illegal encroachments.
- xiii Fire lines.
- xiv Areas that you propose should be added to the park/sanctuary.

- xv Forest types (with reference to pg. 23, qs. 4.1 of this questionnaire) using different patterns for each type (different types of forests, grasslands, etc.)
 - xvi Water pipelines.
 - xvii Corridors for power transmission lines.
 - xviii Approximate location of activities by individuals, non-government bodies etc., for example quarrying, MFP collection, route of migratory graziers through the park etc.
 - xix Approximate location of activities (including forestry operations) by other departments/organisations, specifying department and activity (give your own code and specify)
 - xx Recreation/picnic areas.
 - xxi Salt licks used by fauna.
 - xxii Visitors information centre.
 - xxiii Highest point (HP) and lowest point (LP) of park.
 - xxiiii Any other important features (please give code).
- 116 Please list Survey of India (1:50,000) toposheet reference numbers for the sheets covering the park/sanctuary

117 Please give a brief physical description of the park/sanctuary:

118 Location

a) District(s) within which park/sanctuary falls

b) Latitude _____ to _____

c) Longitude _____ to _____

d) Nearest Town _____ Distance _____ Kms

e) Nearest Railhead _____ Distance _____ Kms

f) Nearest Airport _____ Distance _____ Kms

119 Please indicate the best approach(es) to the park from the State Capital or a nearby city (specifying distances, place names, and modes of transport):

120 Topography

a) Highest point is _____ metres above mean sea level.

b) Lowest point is _____ metres above mean sea level.

121 Climate

a) Maximum temperature is _____ Celsius

b) Mean annual rainfall is _____ millimetres

c) Mean annual snowfall is _____ millimetres

d) Minimum temperature is _____ Celsius

(Please indicate at which location the above snowfall/rainfall/temperature measurements were taken) _____

e) With regard to hot winds, frost etc, please furnish the following details:

	Do they occur	When (Months)	Frequency (No. of times p.a.)	Average area (ha) affected
Hot winds	YES--NO--	-----	-----	-----
Gale & Cyclone	YES--NO--	-----	-----	-----
Frost	YES--NO--	-----	-----	-----
Hail Storm	YES--NO--	-----	-----	-----

122 Please give the name and location of the nearest meteorological station(s) and distance from the park:

123 Water Resources

Please give details of water resources available in park/sanctuary.

Type	Numbers	
	Perennial	Seasonal
Artificial tanks/ Water holes/Reservoirs	<hr/>	<hr/>
Natural Lakes	<hr/>	<hr/>
Natural water holes	<hr/>	<hr/>
Streams	<hr/>	<hr/>
Rivers	<hr/>	<hr/>
Springs	<hr/>	<hr/>
Glaciers	<hr/>	<hr/>
Wells/Pumps	<hr/>	<hr/>
Other (Please specify)	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>

BIOLOGICAL

- 124 Please give estimated area, in ha., according to revised classification of forest types as per Champion & Seth:

Forest type/ sub-type code	Area in hectares	Forest type/ sub-type code	Area in hectares
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

- 125 Please attach a full list of flora species (trees & other plants) found in your park/sanctuary giving common (English), vernacular, and latin names.

- 126 Please indicate any plant species of particular interest found in the park/sanctuary area. Please give special emphasis to rare or endangered species. Please explain the significance of the species.

- 127 Have any species of flora been deliberately introduced into the park/ sanctuary after its notification?

YES --- NO ---

- 128 If so, please give:

Name of species	Year of Introduction	Reason for Introduction	Current status (stable, declining, increasing)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

- 129 Is your park connected with other parks by a corridor of forest or other natural ecosystem suitable for allowing movement of wildlife?

YES --- NO ---

- 130 If Yes, please give details:

- 131 Has there been a breeding programme (or any other such special programmes) in the last three years for any fauna in your park?

YES --- NO ---

- 132 If Yes, please state:

Name of species covered	Year of initiation	Type of programme	Population of species when programme was initiated.	Current status of species
-------------------------	--------------------	-------------------	---	---------------------------

-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

- 133 Please attach a full list of species of mammals, birds, reptiles, insects, amphibia, fish, and other fauna found in your park/sanctuary, in the format given below. Also indicate the estimated population and the basis for such estimates (e.g., pug - mark census, personal estimates etc.). Where numbers are not available, pl. indicate the species' occurrence in terms of Abundant (A), Common (C), Occasional (O), or Rare (R).

Species	Estimated population &/or occurrence	Year of Estimate	Basis of Estimate
-----	-----	-----	-----
-----	-----	-----	-----

(Please send the latest census reports, if any)

134 Has there been any effort to introduce exotic species of fauna into your park/sanctuary? YES ____ NO ____

135 If Yes, please specify:

Name of species	Year of introduction	Mode of Intro-duction	Reason for Introduction	Current status of species
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

136 Has there been any effort at reintroducing species of fauna which had disappeared or declined considerably in your park/sanctuary?

YES --- NO ---

137 If Yes, please specify:

Name of species	Estimated year of disappearance/period of decline	Probable cause for disappearance/decline	Year of re-intro-duction	Mode of re-introduction including efforts made for protection	Current status
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----

138 Do you provide artificial salt-licks for the animals?

YES --- NO ---

139 If Yes, please specify the number of salt-licks and the reason why artificial salt-licks have to be provided.

Number _____ Reasons _____

140 Do you artificially feed any of the fauna? YES --- NO ---

141 If Yes, please specify:

Species artificially fed	Reasons for giving arti-ficial feed	Mode of feeding	Period/season when fed
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----

142 Do you have a veterinarian attached to the park? YES --- NO ---

143 If No, where is the nearest Vet. located? Place _____
distance from park _____ km.

SOCIAL

144 Please give details of encroachment on park area over the last three years :

Year of detect- ion	No. of encroa- chers	Nature of encroachment (For agricu- lture, habi- tation, ind- ustry, etc.)	Area (ha.) & type of ecosystem encroached	Action taken by park authorities
19____	_____	_____	_____	_____
19____	_____	_____	_____	_____
19____	_____	_____	_____	_____

145 Please give details of human population and villages currently existing in and around the park/sanctuary :

Zone	Total Number of villages	Number of forest villages	Number of revenue villages	Total esti- mated population	Year of estimate
Core	_____	_____	_____	_____	_____
Buffer	_____	_____	_____	_____	_____
Surrounding area (10 km radius)	_____	_____	_____	_____	_____

(Please attach a full list of names of the villages inside the park/sanctuary)

146 If there are any towns inside the park, please say how many and give their names:

147 Please give details of migrant human population, if any, which uses the park area currently:

Zone	Kind of population (eg. graziers)	Total population	Year of estimate	Period of stay(days months)	Type of use (e.g.grazing, cultivation)
Core	_____	_____	_____	_____	_____
Buffer	_____	_____	_____	_____	_____

148 Please give details of village relocation since the setting up of the park/sanctuary, in the proforma below:

		From		
		Core Zone	Buffer Zone	Outskirts (10 kms radius from the park boundary)
I	No. of villages proposed to be relocated till now (specify year) 19_____	-----	-----	-----
II	Total No. of villages relocated till now	-----	-----	-----
III	Of these: No. of forest villages	-----	-----	-----
	No. of revenue villages	-----	-----	-----
IV	Total population relocated	-----	-----	-----
V	Total cost of relocation (in Rs) upto 19_____	-----	-----	-----
VI	Total No. of villages proposed to be relocated in the next 5 years	-----	-----	-----

VII Estimated population proposed to be relocated in the next 5 years -----

VIII Estimated cost of relocation in the next 5 years. -----

IX Inducements/alternatives offered to oustees -----

X Details of involvement of other Government Depts. in this work:

XI Details of involvement of villagers/NGOs/other people in this work:

(Please send us a copy of the relocation scheme or any other related document).

149 Please give details of labour employed for work in park/sanctuary, during the last three years:

I Nature of work	II Total number employed (human days)	III Of these, number got from adjacent/park villages	IV Months when employed	V Where does outside labour stay during work?
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

150 Please give details of any work done in the last ten years for meeting fuel, fodder or raw material needs of the park/adjacent villages:

Description of activities	Name of Dept./ agency managing it	Is it for Fuel Wood(W) Fodder(F) Raw materials(R) Other(O) (please specify)	Quantum produced	Has this diverted pressure from park	If no, give reasons why not; If yes, say how
-----	-----	-----	-----	YES--NO--	-----
-----	-----	-----	-----	YES--NO--	-----
-----	-----	-----	-----	YES--NO--	-----

151 Please give details of incidents in the last three years of injury/death to human beings caused by wild animals, in and around the park:

Year	Name and village/ town of victim	Circumstances of attack, species of animal, location of attack (CZ/BZ/ outside)	Nature of injuries received	Was the attack fatal	Amount of compensation paid	If not paid, why not
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----
-----	-----	-----	-----	YES--NO--	-----	-----

152 Are there incidents of injury/death to livestock by wild animals?

Inside park YES --- NO --- Adjacent Area YES --- NO---

153 Is compensation payable for livestock injured/killed by wild animals?

Inside park YES --- NO --- Adjacent Area YES --- NO---

154 If Yes, give details of compensation payable per head of livestock:

(P = within park; A = adjacent areas)

Cow		Buffalo		Goat		Sheep		Others (pl. specify)	
P	A	P	A	P	A	P	A	P	A

--	--	--	--	--	--	--	--	--	--
----	----	----	----	----	----	----	----	----	----

155 Is compensation payable regardless of the species of wild animal which has injured/killed livestock?

YES --- NO ---

156 If not, for which species of wild life injuring/killing livestock is compensation payable, and why?

157 Are there instances of livestock injured/killed by species of wild animals other than those listed above in question 146?

YES --- NO ---

158 Please give information of cases/claims during last three years for cattle/livestock lifted by predators.

(P = Within park; A = Adjacent areas)

19__ 19__ 19__

No. of cases:	P	A	P	A	P	A
---------------	---	---	---	---	---	---

known to have occurred	---	---	---	---	---	---
------------------------	-----	-----	-----	-----	-----	-----

registered by villagers	---	---	---	---	---	---
-------------------------	-----	-----	-----	-----	-----	-----

accepted for compensation	---	---	---	---	---	---
---------------------------	-----	-----	-----	-----	-----	-----

rejected for compensation	---	---	---	---	---	---
---------------------------	-----	-----	-----	-----	-----	-----

Reasons for rejection -----

159 Does crop damage by wild animals take place:

Within park YES___NO___ In Adjacent Areas YES___NO___

If so please indicate the species of wild animals causing such damage. _____

160 Is compensation payable for damage to crops by wildlife?

Within park YES___NO___ Adjacent areas YES___NO___

161 If Yes, please give details of compensation paid in the last three years:

	Species caus- ing damage	Area (ha.) of crops affected	Type of crop	Est. loss of crop in Rs.	Compensation paid in Rs.
		Park	Adj.		
19___	-----	---	---	-----	-----
19___	-----	---	---	-----	-----
19___	-----	---	---	-----	-----

162 Please give details of any clashes/confrontations/violence that might have taken place inside/adjacent to your park between local people and the park/sanctuary authorities or other park related protection/security/police forces, in the last three years:

Year	Parties clashing	Circumstances leading to the clash	Details of violence, if any	Subsequent action by authorities	Subsequent action by the people
----	-----	-----	-----	-----	-----
----	-----	-----	-----	-----	-----
----	-----	-----	-----	-----	-----
----	-----	-----	-----	-----	-----
----	-----	-----	-----	-----	-----
----	-----	-----	-----	-----	-----
----	-----	-----	-----	-----	-----
----	-----	-----	-----	-----	-----
----	-----	-----	-----	-----	-----

PART IV
RESEARCH AND EDUCATION

RESEARCH

163 Please give details of research done in the past three years. If information on research done prior to this is available, please give/attach this information as well:

Topic of Research	Name, Designation and address of Investigator(s)	Year in which completed	Whether published, when & by whom	Are copies available with the park authorities
-----	-----	-----	-----	YES--- NO---
-----	-----	-----	-----	YES--- NO---
-----	-----	-----	-----	YES--- NO---
-----	-----	-----	-----	YES--- NO---
-----	-----	-----	-----	YES--- NO---
-----	-----	-----	-----	YES--- NO---

164 Is any research presently being undertaken? Pl. give details:

Topic	Investigator (name and institution)	Expected date of completion
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

165 Please indicate whether any of the following maps of the park/sanctuary are available with your office:

	Year of Preparation	% of park area covered	Remarks if any
Outline Map	-----	-----	-----
Vegetation Map	-----	-----	-----
Soil Map	-----	-----	-----
Rock Map	-----	-----	-----
Water Availability map	-----	-----	-----
Wildlife Distribution	-----	-----	-----
Survey of india Toposheets	-----	-----	-----
Aerial Photos	-----	-----	-----
Any other maps (please specify)	-----	-----	-----

166 What equipment/facilities are available for research?

167 Do you have any full time research staff on the strength of the park/sanctuary ?

YES --- NO ---

168 If Yes, please give their particulars, including the department they belong to, their qualifications & areas of specialisation and their length of experience in this & other similar appointments:

169 Do you have any monitoring activities (including census) regarding the flora & fauna in your park?

YES --- NO ---

170 If Yes, please give the following details :
Kind of activity (census, etc.):

Frequency:

Methodology (pugmark count, waterpoint count, quadrat, etc.):

Coverage of park/sanctuary area (%):

Results in brief:

(Please attach a sheet giving, in the same format, details of any more monitoring activities in the park. Please also attach reports of the monitoring results if any)

171 Do you have any special/cheap/subsidised accomodation for researchers from other organisations?

YES --- NO ---

172 If Yes, please give details of accomodation, rates & maximum duration of stay permissible:

173 Are slide shows/film shows held for park visitors? YES--- NO---

174 If so, what is their frequency ? -----

EDUCATION/INTERPRETATION

175 Are the following available at the park/sanctuary?

		For rent/sale reference/free distribution, visit (Please specify)	Description
Maps of park	YES---NO---	-----	-----
Booklet on park Title	YES---NO---	-----	-----
-----		-----	-----
-----		-----	-----
-----		-----	-----
Slides on wildlife	YES--NO--	-----	-----
Films on wildlife	YES--NO--	-----	-----
Reference books on wildlife	YES--NO--	-----	-----
Photo exhibition of fauna and flora	YES--NO--	-----	-----
Museum of species	YES--NO--	-----	-----
Zoo/animal (including bird) enclosures	YES--NO--	-----	-----
Hides/watchtowers for viewing wildlife	YES--NO--	-----	-----
Binoculars for use by visitors	YES--NO--	-----	-----
Checklists (birds)	YES--NO--	-----	-----
Checklists (other animals)	YES--NO--	-----	-----
Checklists (plants)	YES--NO--	-----	-----
Vehicles for tourists	YES--NO--	-----	-----
Others (specify)			
-----	YES--NO--	-----	-----
-----	YES--NO--	-----	-----

176 Are there any programmes to educate villagers residing within the park or in the peripheral villages? YES___NO___

177 If Yes, please give details on nature of programme

178 Please give designation and number of personnel undertaking educational work

179 Do you have a visitors' interpretation/orientation centre?
YES ___ NO ___

180 If Yes, please indicate where it is located (BZ/CZ/TZ/outskirts) and give details of facilities provided in it:

181 Number of trained guides, if any, for visitors in your park___

182 If there are no trained guides, does other staff act as guides regularly? YES___NO___

183 How many local people, if any, are employed as guides in the park? _____

184 Number of extension officers, if any, in your park:_____

185 Are there any other educational or interpretational activities in your park/sanctuary? If so, please give details.

186 Is your park frequently visited by students/ researchers?
YES ___ NO ___

187 If Yes, please give estimated numbers visiting per annum:

Students per annum visiting the park _____

Researchers per annum visiting the park _____

IMPORTANT

Before mailing this questionnaire kindly:-

1. Check that all documents listed in page ii have been attached.
2. Especially ensure that that a map of the area, as specified on pages 26 and 27 of the questionnaire, has been enclosed.
3. Ensure that you have complied with the guidelines given on pages i and ii of the questionnaire.

Thank you

