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11 September 2025

Minerals

- Intro

  CG country ka ek aisa state h jahan almost all types of minerals milte h. kuch rare minerals bhi milte h Lithium Tin & so on

- iska biggest reason h, CG ka JHK & orissa ke saath boundary share karta h.

- JHK Ors & bengal jointly CNP plateau ka part h. iise minerals ka kaise

bhi jana jata h iska effect (expansion of GNP) — eg me dekhne ko milla h.

Importance of minerals

- from human pov → day to day life me in minerals ka importance dekhne milla h isse humanlife smooth aur easy ho jata h.

- from gov pov → central ya state govt ko apni policies aur public welfare k lie funds ki zarooorat hoti h. kisi govt ki revenue genern ka ek bada hissa intii minerals se ata h.

- for industries pov → Industry ka devlopemt by default in minerals pe depend krta h jis area me jo minerals easily aur zyada qty me milta h us area ke aaspas isse related industry ka developement hota h. Eg BSP — nearby ironoremines ; Bauxite/alminium base

industry cg ke korba me - nearby
availability of bauxites.

Cement industry ka max dev BB me
h reason max availability of Limestones
in nearby sites.

- Ch me kitne minerals mille h?; kitne nikalte h?
- Ch me minerals → Ch me almost
20%
28 types ke minerals found out kiye
ye h but somehow inme se sabhi
minerals ko mines area se bahar
10%
nahi nikala jata. logicall keval 21 minerals
hi aise h jinko govt ne mineral
production list me show kiya h.

- Ch me milne wale in minerals ko
do alag² category me bata gaya h
1 major minerals / main
2 minor " / other minerals

- Major minerals me coal/ironore/bauxite/tin
100%
/diamond etc h.

- Minor minerals me construction site me use
50% granite
hone wale min jaise muram/farsipathar/sand/mitti etc h

· Limestone kaisa h? / kaunsa mineral anomaly h?

· Ch me Limestone do alag quality ka milta h ① high grade Limestone jahan major mineral mana gaya h wahan low grade ka Limestone minor h

⇒ Limestone ko major aur minor dono maante h

·

· DMF → CG state govt ne DMF (district mineral fund) officially known as district mineral institute trust ka formation kiya tha iske liye bakayda ek official notification nikala gaya tha

· kab DMF notify kiye?

① Date of Official Notificn 22nd Dec 2015

22/12/15

· kab DMF effective hua?

② effective date – 12th Jan 2015 (from backdate) 12/1/15

·

· DMF fund ka use unko compensate krne me krte h jo mines area k pas rehte h aur unki life directly ya indirectly

iski wajah se hamper hotih.

DMF ke use ke rights collectors ke paas hote h jo bydefault iska adhyaksh bhi hota h generally iska use health, educn, agri, water, nutrition, & so on tareeke se kiya ja sktah

- DMF me max kitn paisa rkh skte h.
- Creation of DMF fund → minerals se milne wali revenue ka ek hissa (max upto 30%) aur aise ye fund create hota h.

- Diff agencies → cg mineral resources ka use kane ke liye cg me kuch major agencies h.
- SECL formn year?
- SECL → coal india Limited ki hiek (mini ratna) body h. cg (tab MP) wale hisse me coal ke extraction ke liye SECL ka formn 1985 me kiya gaya.
- SECL prodn year?
- Lekin isne prodn 1987 me start kiya.

- SECL = Southeastern coalfields Ltd.
- SECL HQ, sub Hq?
- iska Hq bilaspur me h sub Hq bishrampur me h (surajpur)
- SECL ka working area north cg me h especially korea me h surajpur balrampur sarguja korba ngarh. max coalmines inhi areas me h
- North cg me kahan coal nai h?
- North cg ke yashpur zille me coalmines nahi h
- Hq Nmdc?

2) NMDC → SECL ki hi tarah NMDC (Navratna) bhi mining activities me involved ek agency h jo cg me iron ore prodn krti h HQ Hyderabad SubHq Dantewada.

- NMDC ke site Dantewada bailadila kirandul bacheli

aisa nahi h ki poore cg me milne wale iron ore ka use nmdc krti h inka ek ltd area h

· Pehli baar kb nikal ore?

· 1968 20% me NMDC ne first kirandul me iron ore nikala tha.

· Ch me best quality iron ore inhi sites me milta h.

3) CMDC : Chhattisgarh min dev corp

State govt body h

· kab establish hua cmdc.

· Date of establishmt = 7 June 2001 imp

·

· CMDC Hq raipur 50%

·

· Objective : Minerals extract krke developmt badhaana.

·

· 2 Mineral based industry lagane ke liye govt & industry k beech as a mediator work krna

·

· 3 Direct mining activities me involvmt.

·

· (b) me presently cmdc k pas 7 projects h

1 Tin

2 Coal

3 iron ore

4 dolomite

5 bauxite

6 diamond

7 corrundum

·

· CMDC ke paas Limestone projects nahi h isse related extraction ka work max private parties ke pas h isliye cy me max cement industries private parties ke pas h

• TiN sites → cg ke alawa poore india me tin ke sirf haryana me deposits h total ka 64% haryana me h jbki 36% Ch me h.

100%

100%

• We are the only producer states of tin 100% production yahi se hota h.

70%

cassiterite tin ka ore h.

• Tin ka max use 20% mixed metals/alloys me

• cg me tin deposit south cg

① Dantewada

② Sukma meh

• Sites fm dantewada?

• Sites from dantewada

1 Kate kalyaan (max)

2 Padampur

3 Bade bacheli (tio) (par bacheli me iron ore)

4 teknaar

• Sukma sites? konta speciality?

Sites fm sukma: 1 Govindpaal 2 Tongpaal (do not confuse with tokapal) 4 Chittalnaar 5* konta (corrundum Tin)

10%

point to be noted: Tokapal bastar me ek site h jahaan diamond deposit h.

Bastar district me bohot kam matra me tin ke deposit h. 10% sites

① bheemsen ② Vaasrivervalley

12 Sep 2025

· Bauxite

Cg me pat area me bauxite ka biggest deposit h. it means ye basalt (deccan trap) me 70% paya jata h.

· kitne % baux contt wale ko use krte

20%

Bauxite aluminium ka ore h jis bauxite me at least 40% ore content ho use hi aluminium industry me use kiya jata h

India me ispat based kai plants h aisa hi ek BALCO Cg ke korba me h.

Lightwt hone ke karan aluminium ka use aviation aluminium me hota h

BALCO Cg ki ekmatr aluminium based industry h. Aluminium ko silver diamond bhi bolte h

• Balramp areas? (5)

• Imp sites

1 Balrampur district 20%

a Samri pat

b Jarang "

c Jamir "

d *Tati Jharia*

e *Kund raja*

• Yashpur areas? (4)

2 Yashpur district

a Pandrapaat c Khudia hill.

b datun pani d Jashpur paat

· Sarguja areas (3)

3 Sarguja district

a Mainpaat

b parpatiya

c daand kesra

·

4 korba areas

1 futka pahad

2 korba "

3 pavan kheda

yahi pas bauxite ka major deposit tha jiski wajaj se balco yahe lagaye

·

Presently iska ek major portion Lemru elephant reserve ka part ho gaya jiske karan mining activites pas ban laga diya · Balco ki dependency ab mines pe hogy.

·

BALCO 10½ : 1965

·

date : 27th Nov 1965

·

prodn started fm : +10 years : 1975

Technical support from hungary & russia 20%

disinvestment : is process me govt ne 2001 me apne 51% share vedanta group ki Sterlite ko transfer kar diye. 20% 40%

5 Rajgarh.

a kindha hill area.

6 Kawardhai

a Bonai daldali

Note : KD district me dharwaad series ka expansion h but iron ore ke saath yahan bauxite bhi milta h

7 kondagaon dist

a keshkal ~~hill~~ valleys / telin ~~hills~~ valleys

b budhiyaar maari

8 Basbar

a Alasna b Taraipur c kudaarahi d Jama beda

9 Bijapur 1%

- Tarlimeta / tareli meta

Note pehle rjn me bauxite ka deposit tha lekin bad me jab rjn se alag hokar KCG ek separate zilla ban gaya toh ye site KCG me Shift ho gaye

10 KCG 1%

(1) bhave area

Limestone / Choona patthar

Kadappa rock str me cg me limestone milta h jo ki ek tarah ka sedimentary rock str h.

CG me high & low dono hi grades ka Limestone milta h. High grade LS ko *cement grade Limestone* bhi kaha jata h.

Cg me ye CGL cg ke maidaan me max milta h (central cg me) max deposit (& production) BB zille me h iske karan is zille me kai cement plants bhi setup kiye gaye h

LS ka use cement industry ke alawa iron sugar fertilizer chemical indus me kte h.

CG ka ek major steel plant BSP nandini khundini mines se produce hone wale LS ko use krta h

isi site ke pas jamul me 1965 me cg ki first cement industry ACC [now adani] lagayi gayi thi. presently iski ownership adaani k pas h

Sites

1 BB*

1 rawaan

2 Sonadih - kukurdih

3 hirmi

4 Theepan karhi

2 Durg*

1 Nandini khurdni - Artificial forest area

2 Jamul

3* Raipur district

1 Baikunth

2 Maandhar

3 tilda

4* JC

1 Arasmeta

2 Akaltara

5 Sakti

1 Bandwaar

6* Bilaspur

1 Chilhati

Note: Bilaspur district me hi hirri mines h (dolomite deposit h)

Sabse bada dolomite deposit yahi pash BSP ko yahi se dolomite ki supply ki jati h.

7 Raigarh

2 tharsia.

8 SB

1 Sarangarh

9 Kawardha (~~yahan~~ isdistrictme iron ore limestone bauxite sab mila h)

1 ranjeetpur

10 KCG

1 Chuikhadaan

11 Bemetara zilla

12 Sukma "

13 Bastar "

Cement industry

Jamul me lagayi gayi first cement industry Aage chlkr ek badi industry ke roop me develop ho gayi jisha major reason Limestone availability h

.

ch me all cement industries private sector ki h max cement plant BB me h →

• Ultratech 1994 hirmi

• Lafarge 1993 Sonadih

• Ambuja cement 1987 Rawaan

• Grasim cement Rawaan

• Birla century cement plant → Baikunth Raipur

• Lafarge cement company - Arasmeta JC.

Jaypee cement Durgme ① Bhiwara
② Bhilai.

Jai bajrang cement indust → Jgdlpur bstr

Dolomite

Most of the time kudappa series me hi milta h

its a carbonate of Magnesium & Calcium.

Cg me dolomite mainly cg plains me milta h iske imp sites is prakaar h.

Bilaspur

1 Hirri
2 belpaan
3 dhooma
4 Baitalpur

leave

Durg

Nandini khundani

Sakti

Barhdwaar

Sakti

leave

Gold

Ch me gold ke do sources h

1 from mines

2 from rivers

Majorly zyadatar gold mine area me milta h iske alawa (5)

(a) ib

(b) maini

(c) amner/amor

(d) Shabri

(e) kunkul

(f) kotri

Major mines →

BB zilla max deposit/prodn

(1) Sonakhan

(2) Baghmara

(3) Raja Devri

Note Ch me mines ka allotment online hota h transparency maintain rakhne ke liye iske liye ~~ekhni~~ e khanij naam ka portal h.

Baghmara woh peli mines thi jise vedanta group ko online allot kiya gaya h.

Kanker district

(a) Bonadehi

(b) Mich gaon

Kanker district me Tumdisur ek nayi goldmine hai.

Jashpur district

(a) tapkara (c) kansabel

(b) kunkuri (d) farsabahaar

eighteenth.

18 Sep 2025

Other varieties of silk in Ch.?

Ch me kose ke alawa doosri varities ke bhi silk milte h jo is type h

Sargujа : eri + mulberry

Mahanadi basin (plains of cg) : rell rayleigh silk

bastar : tusser silk.

Laakh udyog:

jis tarah kosa ke keede tree pe pale jate h us tarah laak teeno ped se milta h

1. palash
2. kusum
3. ber

Ch me max lakh production dhamtari district me

laakh se chudi (orâments), wax aur paint banaya jata h.

Ricemill industry

Ch me dhaan ke prodn ke karan iska devlpmt hua h especially dhamtari raipur & raigarh me

dhamtari = beedi + ricemill

fertilizers industry

.

india ke 8 core industries me se ek h. cg me bhi is industry ka devlpmt hua h

.

isse related 3 major industries bilaspur durg & rjn me h.
(raipur me nai h)

.

① Durg ke kumhari me chidambara chemicals

.

formally knowns dharamjimorarji chemicals

.

② Bilaspur ke sirgitti me BEC fertilizers

.

③ Rjn ke ★farhad★ me jaiaam phosphate ltd

Note rajpur me koi bhi fertilzer industry nai h - kumhari durg me ata h.

Other industries

BSP ke origin ke kaaran do major induries ka setup bhilai me hua. (1) Bharat refactories industry 1978

(2) FSNL ferroscrapnigam ltd 1979.

I fsNL bsp se nikalne wale scrap ko proper tareeke se manage krtah

mkt me becha jatah
pichle kuch dino se apne
disinvestment process ko lekar
Limelight me tha. iska establishmt
1979 KP me USA ki help se
hua tha.

.

1978 KF me japan ki help se
lagaya tha BRL ko refractory

bricks banati jinko bsp ko
andar use krte h

.

Balco ko russia + hungry ke help
se setup kiya. #

.

Railway Based industries

.

Wrt time cg me railway ke
devlpt k bad mum-howrah

Is route pr wagons ka number badh gaya.

all over india goods revenue ka $\frac{1}{6}$ ya 17% contribution Secr Zone se ata h.

(3)

Secr railway Zone : nagpur + raipur div

1966 me hi raipur me WRS (wagon repairshop) establish kiya gay ~~fou~~ pr prodn start hua 1968 se

iske alawa bhilai ke hathkhoj me railway based industry ka devlpt hua h.

1998 me atal bihari V. ji ne Secr ko railway zone banaya jana declare kiya.

finally in 2003 secr becomes 16th railway zone.

Industrial areas

State government ne industries ke developement ke liye har dist ~~&~~ me ek dedicated area reserved rakha hua h ise hi IP kehteh ye generally city ke outer areas me hoteh reason city ke bahar land availability h

CG govt (CSIDC) industrial areas ko 4 major categories me bata

① Large industrial area (area : 2000 ha +) Kareeb 500 acre

② medium size indust area (between 100 to 200 ha area)

③ small industrial area (between 50 to 100 ha area)

④ micro indust area (0 to 50 ha)

CSIDC

CMDC ki hi tarah ye bhi govt ka ek corpn. full form Chhattisgarh State industrial developement corporation HQ Raipur

formation 1st April 2001

Corporation works undeo department of industries Govt of Ch. (Lakhan Lal devangan MLA Bemetara)

- Who is the chairperson of CSIDC

_____ ?

Chairperson is appointed by State govt.

Objective : CG me industrialist aur govt ke beech as a mediator kaam krna.

Large indust areas

1 Siltara rpr
2 Urla rpr } rpr

3 Singitti bspr
4 Sirpehri bspr } bspr

5 Borai durg } drg

URLa → ① state ka first indust area tha 1950me

(2) total area : 395 ha

(3) jahan pr dry port ki facility h

(4) Major importance of urla indust area →

(1) poore tareeke se developed indust area h

(2) max invstmt wala indust area h

(3) max no of industries yahi pr h

(4) max employemt provide krne wala yahi indust area h.

Siltara

Ch ka biggest indust area h in terms of area

total area : 1185 ha.

② State ka major do comple

> 1 Cycle complex * imp

> 2 agro export zone

jahin pr hai

3 Sirgitti

> iss indust area ke devlpt ka reason SECL h.

> Yahan coal based indust h. jat

hua h

> size = 340 ha

> is indust area ke sub area me tifra & sector D shamil h.

Siltehri

> Bspr district me second majarea h area : 245 ha

Borai

→ durg ka ek matr major indust areah reason bsp ka devlpmt.

total area : 450 ha (vrla se bada)

Area ke tems me

Sirpehri < Siggitti < Vrla < borai < Siltara

(smallest) (largest)

→ Iska state ka ekmatr machine toolroom isi indust area meh.

Medium size indust area

1 Hathkhoj - durg

2 Bhanpuri - raipur

3 Metal park raipur

Smol indust area

1 tifra (bspr)

2 birkoni (msmd)

3 ~~mark~~ mahroomkala (rjn)

bagod (dhmtri)

Lakhanpuri (kanker)

6 Nayanpur giriwarganj (Sarguja)

Micro industrial areas

1 kaapan (JC)

2 Aama Sirni Serni (raipur)
Seoni

3 Rarabhatha (raipur)

4 teknaar (dantewada)

5 Parin chapra (kabirdham)

6 Anjani / Rani ~~durar~~ urgawati (GPM)

Dolomite sites

Bspr - hiridhooma
belpaan.

JC → madanpur
ghaatpara.

Skt → skti barabaar

Sb → katangpali

Bemetara → kodna mohbhatta
* imp * imp.

durg - nandini khundni

bastar → tireeya machkot
Jeeragaon.

18 Sep 2025

- pts to be noted related to diff industrial parks

IT park naya rpr me h jbki software tech park bhilai nehru nagar me h.

- Chh me govt ne alag industry ko develop krne k liye kuch dedicated locns par ~~software~~ indust park avr kuch nayi industries ko develop krne ka concept diya.

Semiconductor park ki adharshila kah an rkhi gayi?

Chh me it avr software ke devlpmt ko faster krne k liye naya rpr me isha ek manufacturing plant lagaa rhe h

Metal park - dedicated to metal industry pehle naya rpr me proposed tha but presently jah ravabhata rpr me lagaya ja rha h.

~~electro~~
gems & jewellery park
GJT park → Raipur
pehle naya raipur me proposed tha but pandri bus stand khali honeke bad ise pandri raipur me banaya jana propose kiyah

Plastic park ① tilda rpr
② khairjheeti rjn

logisticspark : rajpur (not naya rpr)
bharatmala project which is related to road transporta facility ke andar logistic park

Herbal park ① bagod dhamtari

Mega food park ① bagod dhamtari

② sarora & bemtara opt
(check)

Herbal park as well as mega food processing park dhm ke bagod me h

Khadigram udyog board current adhyaksh : ramesh pandey (saroj pande ka bhai)

cg me is board ke formna ka purpose khadi based product ko market available karana tha

formation 20 July 2001

MA RER

present chairperson : rakesh pandey
(related to saroj pandey)

Cg me is industry se relted product ke manufacturing ke liye ishi ek manufactory unit pandri zpo me proposed h.

Engg park : hathkhoj bhilai

STP (software tech park) : bhilai 8

kisan shopping mall : sept 2010

doosra kissshopping mall nsmd me proposed h

Bhilai ka hathkhoj : engg park + railway manufactory manufacturing park.

Snake park : tapkara jashpur meh

.

korba me balco ke devlpmt ke karan ek aluminium park in dodro village korba banaye hain

.

(1) ka first science park [illegible] kiye the jiski second [illegible] meh.

.

SEZ means ek aisa dedicated area jise kisi special economic activity k liye reserve rakha gayah iska purpose us product se related export ko badhana h.

.

Sezs related to gems & jewellery : raipurs

Sezs for solar energy : rjn

FOREST

CG India ka ek esa state h jahan 44% (RR%) forest land hai

asper the regulations yadi kisi state ka 33% (mm%) forest land h toh ise ek accha forest area mana jata

is logic se 44% k sath CG ek rich forest land h

CG me all types ke forest milte h.

availability ke basis pr inhe 3 categories me subclassify kiye h.

(1) Sagon forest Rank 3 (9%)

(2) Mixed forest Rank 2 (50%)

(3) Sal forest Rank 2 (40%)

(Mixed : salan sagon kochodkar)

CG me waise toh saal/sarai north cg se south cg tk milta h lekin isk major forest area bastar & uske neighbouring areas me h jiske karan bastar ko saal vano ka dweep kehte h.

CG me sagon bohot little qty me milta h kuch specific area me hi lekin CG me sbse acchi quality ka sagon Nrpur zille me ek ghati me milta h (khursel valley).

yahan par paya jane wala sagon nepal ki tarai me paye jane wale sagon jaisa h.

mixed forest means cg me sal [illegible] kochodkar

baki sabi type ke forest h aise van middle cg (drg bspr & rpr division) me paye jate h.

Forest administration ke POV se

forests ko 3 categories me classify kiye h ① reserved forests

② under Wilife protection act, ye wo forest areas hote h jinhe nationaparks & WLS ke liye reserve rkha jata h.

CG me 3 NP + 11 WLS + 1 Elephant reserve + 4 TR s h.

~~iski~~ ishi reserve forest ki category ke andar h.

baki sabi type ke forest h aise van middle cg (drg bspr & rpr division) me paye jate h.

forest administration ke POV se

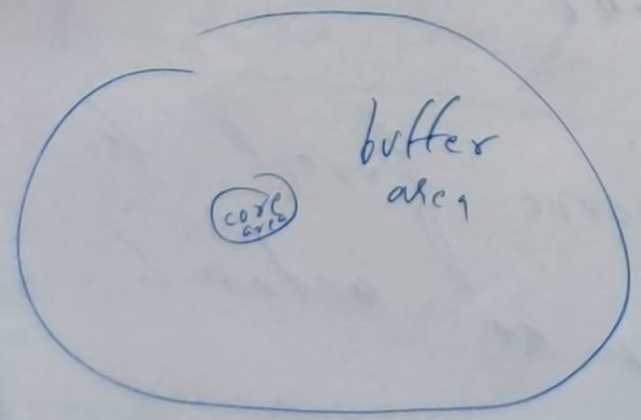
forests ko 3 categories me classify kiye h ① reserved forests ②

under Wilife protection act, ye wo forest areas hote h jinhe nationaparks & WLS ke liye reserve rkha jata h.

CG me 3 NP + 11 WLS + 1 Elephant reserve ER + 4 TgR s h. reserves

~~inhi~~ ishi reserve forest ki category ke andar h.

Reserve forests me
without govt permission
entry par ban hota h
& saath hi human relted
activities pe bhi ban hotah



NP/WLS

Protected/Conserved forests

ye aise forests h jinhe govt
bachane ki koshish krti h is
forest area k aspas normal
public bhi rehti h jo kai baar
forests ko harm karti h.

aise forest me rehnewale
logo ko govt ke dwar
kuch choot di jati h
forestrights

inforest areas me govt ki permission k saath kuch limited human activites permitted hai.

Nonclassified forests:
ye woh forests h jo in dono se bach jate h in forests me generally payejane wale plants ~~vasuef~~ unusefl hote h.

Herbal forests

in forests ke andar woh plants count kiye jate h jinka use medicine banane me ya kisi medical treatmt me use kate h.

jaise arjun ke ped ki chaal.

cg me aise plants k. project krne ke liye

4 july 2001 ko

is state ko herbalstate

declare kiya gaya.

20 September 2025

Reserve forests

Up ke total forests me ek

bada part reserve forests kahai

① in terms of % 43.13% Rmtm %

② in terms of area 25,782 km² nLkfn

25000

800 - 18

Up me max reserve forest

dantewada meh min korba

me h.

Reserve forests me WLS & NPS included h halanki in dono hi zilo dantewada & korba me na toh koi NP h aur na hi koi WLSh.

WLS

CG me total 11 WLS hai jinme se 10 WLS state formation se pehle hi ban gaye the jbki 1 state formn k bad bana

North cg

1 Surajpur – Tamorpingla

2 BRPR – Samersot

3 Ishpur – Badalkhol

Middle CG (drg + rpr + bspur divisions)

4 Mun – Achanakmar

5 KD – Bhoramdev (after state formn)

6 SB – Somarda

7 BB – Barnawapara

9 G Band - Udanti

South cg

10 Bjpr - Pamed

11 Bjpr - Bhairamgadh.

Note keval bijapur ekmatr zillah jahan 2 WLS h.

iske alawa poore bastar drsn me kahin pr bhi WLS nahi h.

Pattern of Qns 1 Zille & WLS name

2 WLS & formn yr

3 " " " " "

4 WLS & tourism.

Max & Min in terms of area.

Tamorpinglay 608

Badalkhol 105

in terms of formation year

oldest & newest

Sitanadio/des

Bhoramdev newest

Pts to be remembered

2012 se pehle sarguja zille me 2 WLS the ① Semersot
② tamorpingla.

2012 me surajpur & bpur; sarguja se alag hokar do sep. crate districts bane iske bad tamorpingla aur Samersot sarguja se bahar ho gaye.

Achanakmar WLS pehle BSpur district me count kote the pr 2012 k bad is mungeli district me count kiya jane lg gaya

NSMd district me located sirpur cg k biggest Archaeological site h isi sirpur se lage hue barnawa para sanctuary ko BB district me count kote h.

Gomarda jo pehle rig me count kate / the presently SB district me ata h.

Sita		74
achanak badal	go	75
bar		76
x North		77 x
(N) tam sem (N)		78
Ud Pam Bhai ram (Van Bhaisa)		83
bhoram		01

) 5 yrs

Years

74 Sitanadi

75 Achanakmar badalkhol Gomarda

76 barnawapara

78 tamorpingla semarsot (North)

83 Udanti Pamed Bhairam~~dev~~ garh

01 Bhoramdev.

form yo k basis pr cg me based in WLS me inme se kaunss ek WLS other se alag h

① Achanakmar ② Pamed ③ Bhairamgarh ④ Udanti

achanakmar badalkol

Gomarda Sitanadi

Ans d sitanadi

Bhoramdev WLS

- Bhoramder WLS KD district me h.
- KD ki boundary MP se lage hone k kaaran is WLS me kanha NP ki taraf se tigers ka mvmt hota h.
- isliye pehle bhi bhoramdev ko TR declare krne ka proposal diya gaya tha aur recently aisa ek proposal state govt ne central govt ko bheja h.
- total area = 352 km^2 (pehle iska area kam tha almost 163 km^2)

Bhoramder WLS area me alag² variety ki butterflies milti h, ek rare variety orange ~~active~~ ocleaf yahin pr dekha gaya tha.

Yahan par do waterfalls

① ranidahra wfall

② Mandaghaat wfall

maikal range par located do WLS me se ek h.

Achanakmar WLS

1975 me ise WLS protection act ke taht Ek WLS declare kiya.

Area : 552 km^2 h

Establishmt ke 30 yrs k bad (1975 + 30 = 2005) me achanakmar - amarkantak ko jt form me

Ye WLS ek TR bhi h.

TR declare kane ka treeka

Project tiger - 2006

tiger reserve - 2009

Maniyari river ka flow is WLS ke beech se h aur maikal range shade ka kaam koti h.

CG me max tigers isi TR me milte h

WL protection act ko promote kane ke liye run kiya jata h MAB

2012 me achanakmar ko isi program me shamil kiya

1975
2005 } 30
2006
2009
2012

tourism:
① Pandrani talab
② Laxman dokri/dongri
③

3 Sitanadi WLS

Sitanadi WLS ka naam Sita river pe pada hai jo exactly is WLS ke theek beech se behti h.

Indragandhi ki govt ne WL Protection act 1972 me declare kiya jiske bad 1974 me bana ye first WLS

tamorpingla jahan iss state ka laggest WLS Area = 608 km² jbki sitanadi 559 km² area k sath 9ka second largest WLS h.

third largest Achanakmar 552

top 3 1 tamor
2 Sita
3 Achanak.

Sitanadi WLS premises me sal forests ki majority/excess h.

is WLS premises me max Leopard/tendua milta h.

Note: bhoramdev WL premises me jaise orange ocleaf dikha tha theek usi tarah achanakmar WLS me kala tendua dekha. (not sitanadi)

Sitanadi WLS k pas sondhur kis nadi pe h?

22 Sep 2025

Sondhur reservoir Gbandh me h jo pairi ki subsidiary pr h but sondhur reservoir ko sitanadi WLS me bolte h.

Reason dhamtari 1988 me banatha tb ye reservoir dhm me hi tha bad me Gbandh 2012 me banne k bad ye reservoir Officially Gband me count hone lga.

Ballot paper

1 CG Pra dections evm se conduct na kara kar blki ballot ppr se karaate h jisme in general 2 columns hote h

1 first column for name of candidate

2 second column for symbols

Candidates k naam hindi me likhe jate h lekin unka base hindi to english translation hota h

symbols SEC dwara allot kiye jate h jo kinhi bhi do candidates k liye kisi bhi condition me same nahi hoge.

•

Shapat patra/ affidavit dete time candidate ko apna naam hindi/ english me bhi dena padta h.

•

Points to be remembered

•

kuch log nam ke sath adar soochak shabd bhi lagate h/ respectful words. jaise Lala, Choudhary, raja, thakur, kunwar, mahant

•

yadi aise words aaye (before name) toh unhen ignore krteh

•

kuch log apnenaam se aage apne profession ko batane wale word use krte h. jo pandit, acharya, master, yogi, professor, vaidya, hakim. ignor krteh

•

kuch log apne naam ke sath apne educnl gaditication ka use krteh Eg D... jako ignore krte h

kuch log apne naam k sath
apne profession ka rank mention
krte h Eg police wale Inspector
Phalan
Dimkhana.

Kernel Major Lieutenant Jawaan.

in general namo ki spelling alg
ho skthi h eg

दीपक — Deepak, Dipak — Likh skteh

Lekin yadi kisi ne intentionally
kisi ne appe naam ki spelling
isilye chng ki taki usha naam
ballot ppr pe upar dikhe to
use ignore/ reject krna pade
toh ise reject par ayar
usne valid doc proofs
diye he adhar pan 10th
mksht ete toh use accept
krna padega.

Eg abhishek jain

" pawar

Gaurav verma

shikha shukla

Pt SL Sharma
(Sunder Lal)

Dr Manmohan Sharma.

kuch log apne naam me initial letters ka use krte h jaise pyarelal Singh P. L. Singh

Sunder Lal Sharma → SL Sharma.

Doman Lal verma → DL verma

aise case me initial alphabets (abbreviated ones) to ignore krte h.

toh is case me SL sharma
PL singh
DL verma.

aise case me initial letter ignore hote h aur names ka assignment surname ke basis pr krte h

BUT

agar surname common h do candidates ke toh aise case me initial letters to ignore nai krte assignment initials ke basis pr hota

eg DC Verma => DCV
PL Verma PLV

kuch log apne surname ko naam se pehle likhte h jaise sharma deepak. Verma Anil. thakur abhishek

toh iss situation me name ke assangement ke liye Surname ko base mana jata h.

1 Shiv singh

2 Ajay verma

3 Rajesh sharma

4 Sharma Rajesh

5 Shivkumar

6 S kumar

7. Madan Lal Bharti

8. M. L. Bharti

9 P. S. Verma

10 B. K. Verma

2, 8, 6, 7, 4, 5, 1

Ans

1 Ajay verma
2 ML Bharti
3 Skumar
4 Madan Lal Bharti
5 Rajesh Sharma
6 Sharma Rajesh
7 Shiv kumar
8 Shiv Singh
9 BK Verma
10 PS Verma

	Ans.
1 Thakur man siyh	Anand
2 thakur pyarelal.	dhirendra
3 Major Jasbir Singhrana	Gaurav
4 Pt dhirendra Shastri	Jasbir
5 Pt Pradeep Mishra	Man.
Dr Anand Mishra	Pradeep
Dr Gaurav Shukla.	thakur.

Ramnarayan	Ram Prasad
Ramprasad	Ramnarayan
Ram - prasad	Ramprasad
Santosh Agrawal	Santosh Agrawal

Additional points

Silent letters ka case me bolte samay jaroor letter ko ignore krte h lekin likhte samay isko ignore nahi krte jaise kshitij, hritik, kshama,

kai bar do logo ke naam common hote h.

Condn 1 Name common with same spelling like Anil & Anil.

Condn2 name same but
different spelling
Anil & Aneel
Dipak & Deepak.
Nidhi / Needhi

yadi do logo ka naam same h
dono ki spelling same h
toh us case me father ke naam
ko consider karke list banate h
agar ~~father~~ kisi reason se
father ka naam bhi same to
toh gaon ka naam ya
profession ke naam ko base
mana jata h.

kabhi bhi naam ki spelling
generally middle letters me
different ho sakti but
naam ke initial letters
uncommon tareeke se
likhe jaye toh use accept
nahi kiya jata untill unless
us naam se koi valid doc proof

arrange

डॉ अरुण प्रकाश — Dr arun prakash

बी एल प्रभाकर — BL prabhakar

ठाकुर दीनानाथ सिंह — Thakur dinanath Singh

दिनकर सिंह ठाकुर — Dinkar sinh thakur

Ans
Arun prakash.

Dinanath Singh

Dinkar Singh thakur

BL prabhakar.

23 Sep 2025.

Sitanadi WLS

CG state me presently 4 TRs h jisme se ek udanti sitanadi bhi h 2006 me ise project tigor me include kiya gaya jbki 2009 me ise TR declare kiya gaya.

Udanti WLS

Udanti named bhairamgarh 1983

CG ka state animal Van bhainsa h

State formation k bad State govt

ne ise 2001 me state animal declare kiya tha.

Ise wild buffalo bhi kehte h

iska scientific name bubalas bubalish.

male van bhaise ko arna aur female ko arni kehte h.

Ch me inse relted concern programs udanti + Pamedt bhairamgarh WLS me chal rahe h.

khatra

Sher, hunters, ek specific disease jise rinderpest ke naam se jante h.

Udanti WLS me van baiso ko lekar ek programme run kiya gaya jisme haryana (karnaal) ke dairy research centre k sath tie up krke assam se van bhaise mangaye gaye aur unka clone banaya gaya. jisse arni van bhaisa hua

jiska naam deept asha = dipasha

dipasha rakhaaaya.

Yahan ka climate vanbhaiso ko grow krne k liye support krta h.

Udanti ko sitanadi k sath jt form me TR bhi declare kiyeh.

Gbandh ek aisa zilla h jiski longest boundary orisa ke sath share hoti thi is logic se yehs orissa ki boundary pe sthit h.

1983 me iska formy kiya gaya tha iska total area 233 km².h.

Iske naam udanti naam ek river pr pada h jo is WLS ke theek centre se behti h jispar godna waterwall Godna Udanti Gbandh jo ki ek source of wtr h yahan ke animals ke liye.

Max van bhaisas : Udanti

Animals

(1) Max ~~ban~~ bhaisa

(2) Peackock milta h

(3) Mouse deer milta h

(4) Kala tendua bhi milta h
(but 2st priority is achanakmar)

Note: dhaan ki kheti wali
mitti me choone ki qty zyada
hoti h jiske karan vska
nature acidic hota h lal mati & dorsa

Badalkhol Jashpur

·Ch ka smallest WLS h.

·jise achanakmar & gomarda ke sath
1975 me WLS banaya gaya.

·total area 105 km²h iske alaye
tsL state ka

Smallest WLS h.

·Jharkhand se lage boundary
k karan yashpur zille me elepht
ka movement dekhne milta h

source of water gullu waterfall h

Gomarda WLS SB

1975 me declare hua tha.

total area : 278 km^2 ka h.

pehle yah rajgarh district me tha me count kiya jatah (exact loca near to saranggarh)

is WLS premises me sonkutta paya jata h.

Tourism spots

1. Madu silli wfall
2. Mkri waterfall
3. khapaan wfall

Ye sabhi waterfalls WLS premises me janwaro ke liye source of water ka kaam krte h.

Dongar word bastar area me hills ke liye use krte h lekin kabra dongar gomarda WLS ka ek high peak LKP iski ht 579m k aspas h.

Barnawapara

1976 me declare kiya gaya WLS tha.

jo ki Officially BB me h.

Area = 245 km^2 h.

Aisa mante h ki Lord ram ne apne vanvaas kaal ka kuch samay yahan ke jungles me bitaya tha

isi barnawapara se kuch doori pr turturiya me ramiki ashram tha.

• Inhone ramayan ki rachna bhi ki inhi ke ashram me Lav & kush paida hue.

• Barnawapara = bar + nawapara gaon ke naam pe pada h.

• Balamdehi river ya Balamdeyi river Barnawapara WLS ke premises se behti h.

• Ch me do waterfall same naam ke h ① Saatdhara wfall.
② Saat der dhara wfall.

Saat dhara wfall Indravati river pe bijapur district me

Saat der dhara is in Balamdeyi river Barnawapara WLS BB district

Ch me max hiran isi WLS premise

iske alawa yahan barashinga sambhar chital & saap bhi milta h. (jashpur ke badalkohi me max saap nai milta)

Tamorpingla

- Surajpur district me cg ka biggest WLS h total area 608 km^2 h.
- iska naam tamor hill & pingla river par
- jahaan par neelgai milta h iske alawa / iske padosi district gemarsot me bhi neelgai milta h (1978 me bana)
- tamorpingla WLS se hokar sihand river behti h. isi WLS premises me kumelighaat Wfall h.
- Tamorpingla ko GGNP TR me include kiya gaya h jiske karan ye india ka 3rd largest TR ban gaya.

Semarsot

- 1978 me tamorpingla ke sath ise WLS banaya gaya.
- iska total area 430 km² ka h
- yahan bi neelgai milte h.
- iska bhi kuch hissa GANPTR me liya gaya h.
- is WLS premises me powai wfall h.

Bijapur district

- bhairamgarh
- Pamed → south me locate

Ch ka only aisa zilla jahan do WLS h.

Bhairamgarh WLS

bijapur zilleme 1983 me declare kia sanct h bhairamgarh bhairamdevek raja ne apne nam pe basaya tha

ye WLS jidam se bijapur jane wale rastemeh.

iska total area 139 km² ka h.

Jahan pr ran bhaisa conservation krteh.

Badalkhol ke bad yg ka second smallest wallet WLS h

Pamed WLS

· pamed ka area bhairamgarh se bada h total area = 265 km^2 nchL

Q Bijapur zille me sthit WLS ke relation me di gayi info par dhyanpurvak vichar krte hue false statement chuno.

1. Is zille me do WLS h.

2. Inme se pamed uttar me jbki bhairamgarh south me h.

3. dono hi WLS me Van bhaiso ke conserv se related programme run kiye jate h.

4. Bhairamgarh WLS ka area, pamed WLS ke area se zyada h

(a) 1 only (b) 2 & 3 only (c) 3 & 4 only (d) 2 & 4 only

false statements

(2) & (4) only are wrong