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;g l ofofnr g fd ykxk vkj LFkkuk d e/; vr\k\Ø; k d fy, igp dk gkuk vko'; d g vkj igp rHkh lEHko g tc mud eè; lEc) rk gkA bl idkj fd l h foi.ku dUn dk HkoU; kfl d lxBu bl 'kr ij vk/kkfjr gkrk g fd og vU; ph tk dh ryuk e dgk LFkkuk; dr gA bl idkj iLrr "kk/k i= e foi.ku dUnk dh lEc) rk dh ek=k ekiu , o fo'yf"kr dju dk i; k l fd; k x; k gA ; g fo'y" k. k mu LFkkuk ij idk'k Mkyxk ftudk fd Hkfo"; vPNk g lFk gh mu NkV LFkkuk dh vkj Hkh bfxr djxk tgk ; fn FkkMk l k ifjektu fd; k tk, rk o {k= d fy, fo'k" k ykHkd kjh fl) gkxA

v/; ; u {k=&

Hkkjro" k d ân; LFky mYkj in'k jkT; e xxk o xkerh ufn; k d e/; orh nkvc e gjnkb tuin lFkr gA tuin dk v{k'k'kh; foLrkj 26° 53' mYkj l 27° 47' mYkj v{k'k'kk rd rFkk n'kkUrjh; foLrkj 79° 41' io l 80° 49' ioh n'kkUrjk d e/; gA gjnkb tuin d mYkj e 'kkgtgkij o y[kheij [khjh tuin] io e lhrkij tuin] nf{k.k-io e y[kuÅ tuin] nf{k.k e mUuko o duij uxj tuin nf{k.k-if'pe e dUuk t tuino if'pe e Q: [kkckn tuin lFkr gA tuin dh ioh lhek xkerh unh }kj k fu/kkfjr gkrh g tk gjnkb o lhrkij tuin d e/; lhek j[kk dk fu/kkj.k d jrh g , o xxk unh tuin dh nf{k.k-if'peh lhek dk fu/kkj.k d jrh gA gjnkb tuin dk Hkkxkfyd {k=Qy 5986-00 ox fd-eh- gA tuin dk {k=Qy dh n"V l in'k e rHjk LFkkuk g rFkk in'k dh dy Hkfe dk 2-48 ifr'kr {k= tuin d vUrr vrk gA tul [; k dh n"V l tuin dk in'k e ckjgok LFkkuk g rFkk in'k dh dy tul [; k dk 2-04 ifr'kr ; gk fuok l d jrh gA tuin dh yEckb mYkj-io l nf{k.k-io rd 126 fd-eh- vkj io l if'pe rd pkMk 74fd-eh- g (Fig. 1)A



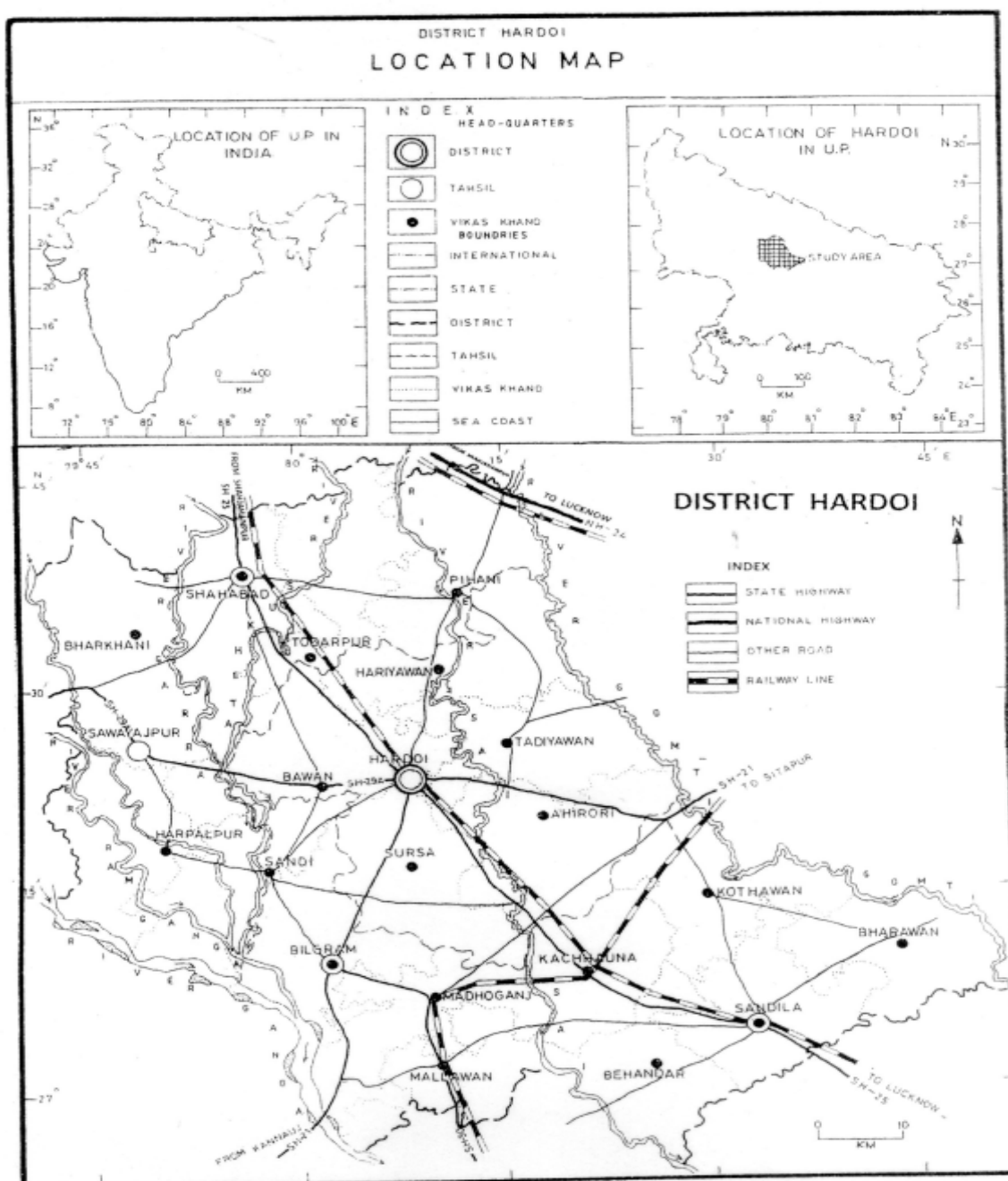


Fig.1

v/; ;u {k= gjnkb tuin dk 5 rgl hy 'kkgckn] lok; tij] gjnkb] fcyxke ,o l .Mhyk gA ;gk 19 fodk l [k.M 'kkgckn] Vkmjij] figkuh] gfj ;kok] Vfm ;kok] l j l k] vfgjkjh] ckou] Hkj [kuh] gjikyij] l k.Mh] fcyxke] ek/kxt] eYykok] dNkuk] dkFkok] Hkjkou] l .Mhyk] ,o cgnj gA 2001 dh ftyk tux.kuk ifLrdk d vulkj gjnkb tuin dk dy {k=Qy 5986-00 ox fd-eh- g ft le xkeh.k {k=Qy 5892-76 ox fd-eh- vkj uxjh; {k=Qy 93-24 ox fd-eh- gA 2001 dh tux.kuk d vulkj gjnkb tuine 13 uxj ,o 01 tux.kuk uxj l ke% g bue gjnkb] 'kkgckn] l .Mhyk] eYykok] figkuh] fcyxke o l k.Mh uxj ikfydk ifj"kn rFk ikyh] dNkuk ir l uh] xkikeA] ek/kxt] cuhxt o dj l B uxj ipk; r d vUrrr vkr gA 2011 dh tux.kuk d vulkj dy tul [;k 4092845] tu?kuRo 684] fyxkuikr 868 o l k[kjrk 64-6 ifr"kr gA

lEc) rk %

fd lh LFkku dh lEc) rk dh ek=k bl ckr ij fuHkj d jrh g fd og LFkku ;krk;kr l tky (Network) d vU; f'kjfcUnvk (Vertical) l iR; {krk fd l idkj tMk gvk gA fd lh l tky dh lEc) rk xkQ fl) kUr d vk/kkj ij eki h tk l drh g ft le fd bl ckr ij tkj fn; k tkrk g fd feyu fcUn (Node) dh okLrfod fLFkfr dh vi {kk T; kferh; fLFkfr l tky e fd l idkj dh gA

ekidk dk i; kx %

mijkDr lEc) rk ekidk d i; kx l igy ; g vko'; d gk tkrk g fd ekidk e i; Dr gku oky ink ; Fkk&'kh" fcUn , o fdukjk dk fØ; kfuor : i l ifjHkkf"kr dj fy; k tk; &

1- o l Hkh foi.ku dUn tk fd iDdh ; k dPph lMdk }kjk tMg, g 'kh" fcUn d : i e eku x; gA

2- nk ekxk dk ifrPNnu fcUn vfrfjDr 'kh" fcUn d : i e Lohdkj fd; k x; k g pkg og fcUn foi.ku dUn d : i e fodf l r gk vFkok ugh (Fig. 2)A

3- doy iDd , o dPp ekxk dk gh fdukjk d fu/kkj.k gr fy; k x; k g (Fig. 2)A

4- iR; d fdukjk ; k ekx nk 'kh" fcUnvk dk tMkrk gA bl idkj , d fdukjk nk 'kh" fcUnvk dk lePp; gA

5- nk 'kh" fcUnvk dk ; Xe doy , d gh ekx }kjk lEc) gk l drk gA



Fig. 2

mijkDr ekin.Mk d vk/kkj ij l Hkh foi.ku dUn 'kh" fcUnvk d : i e Lohdkj fd; x; g l kFk gh dN vU; ifrPNnu fcUn vfrfjDr 'kh" fcUnvk d : i e fy; x; gA bl idkj fofHkuu lEc) rk l pdkd t l & l kbDykefVd l [; k μ] vYQk $\frac{1}{4}$ $\frac{1}{2}$ xkek $\frac{1}{4}$ $\frac{1}{2}$ vkj chVk $\frac{1}{4}$ $\frac{1}{2}$ l pdkd dh x.kuk fofHkuu fodk l [k.Mk d fy, dh xb g &

1 l kbDykefVd l [; k % &

l kj.kh Øekd 1 e Li"V g fd {k= dh lEc) rk l kbDykefVd l [; k d : i e 11 g tk fd fd lh l tky r= d fy, vR; f/kd de gA ; l fi v/ ; ; u {k= e ek= 2 fodk l [k.M , l g ftue fd nk 'kh" fcUnvk d e/; doy , d gh ekx g tcf d 17 fodk l [k.Mk e nk foi.ku dUnk d e/; vfrfjDr ekx miyC/k gA {k= e ifjiFkk dh l [; k 1 l ydj 3 rd ifjoru'khy g tk fd {k= e lEc) rk dh deh dk bfxr d jrk gA

-2 ^vYQk* l pdkd % &

v/ ; ; u {k= d fy, tc lof {kr ifjiFkk dh l [; k , o vfekdre lEHko ifjiFkk dh l [; k d e/; vui kr

ifjdfyr dju ij ekye gkrk g fd {k= dk IEc) rk lpdkd vfr U; u 0-02% gA v/; ; u {k= d I k. Mh o Hkj kou fodk I [k. Mk e dkb ifjiFk ugh g tcf d eYykok vkj 'kkgckn fodk I [k. Mk e vYQk lpdkd Øe'k 0-11 o 0-10 gA fuji {k : i I ; g eku vfr fuEu g fdUr vU; fodk I [k. Mk dh ryuk e I kif {k d IEc) rk vf/kd g % I kj. kh Øekd 1% A

3 ^xkek* lpdkd % &

v/; ; u {k= d fofHkUu fodk I [k. Mk d fy, fdukjk dh l of {kr I [; k , o vf/kdre IEHko fdukjk dh I [; k d e/; vuikr ifjdfyr dju ij ; g ekye gkrk g fd {k= e IEc) rk fuEu g t k fd 0-35 I 0-46 rd ifjofrr gkrh gA v/; ; u {k= d I Hkh fodk I [k. Mk e xkek lpdkd vf/kd ifjoru'khy ugh g rFkk IEi. k v/; ; u {k= dh IEc) rk 0-35 g % I kj. kh Øekd 1% A

4 ^chVh* lpdkd % &

v/; ; u {k= e mifLFkr fdukjk dh I [; k rFkk 'kh" k fcUnvk dh I [; k d e/; vuikr ifjdfyr dju ij Kkr gkrk g fd IEi. k vè; ; u {k= dh IEc) rk U; u 1-03% gA fodk I [k. M Lrj ij chVh lpdkd 0-92 I 1-08 d e/; ifjofrr gkrk gA bl idkj v/; ; u {k= d I Hkh fodk I [k. M U; u IEc) rk dk n'kkr g % I kj. kh Øekd 1% A

I kj. kh Øekd & 1
tuin gjnkb: % foi.ku dUnk dh IEc) rk

क्र. सं.	विकास खण्ड	विपणन केन्द्रों की संख्या	अतिरिक्त भांश संख्या	कुल भांश संख्या	किनारों की संख्या	उप ग्राफ की संख्या	मानक मूल्य (% में)			
							μ	α	γ	β
1	शाहाबाद	12	01	13	14	01	02	0.10	0.42	1.08
2	टोडरपुर	23	02	25	26	01	02	0.04	0.38	1.04
3	पिहानी	19	03	22	23	01	02	0.05	0.38	1.05
4	हरियावाँ	22	04	26	26	01	01	0.02	0.36	1.00
5	टडियावाँ	23	02	25	27	01	03	0.07	0.39	1.08
6	सुरसा	22	02	24	26	01	03	0.07	0.39	1.08
7	आहिरोरी	23	04	27	28	01	02	0.04	0.37	1.04
8	बावन	19	01	20	21	01	02	0.06	0.39	1.05
9	भरखनी	15	01	16	16	01	01	0.04	0.38	1.00
10	हरपालपुर	11	01	12	12	01	01	0.05	0.40	1.00
11	साण्डी	10	02	12	11	01	00	0.00	0.37	0.92
12	बिलग्राम	12	03	15	15	01	01	0.04	0.38	1.00
13	माधौगंज	11	—	11	11	01	01	0.06	0.41	1.00
14	मल्लावाँ	10	02	12	13	01	02	0.11	0.43	1.08
15	कछौना	08	02	10	11	01	02	0.13	0.46	1.10
16	कोथावाँ	14	01	15	15	01	01	0.04	0.38	1.08
17	भरावन	19	—	19	18	01	00	0.00	0.35	0.95
18	सण्डीला	13	01	14	15	01	02	0.09	0.42	1.07
19	बेहदर	21	02	23	23	01	01	0.02	0.37	1.00
योग		307	34	341	351	01	11	0.016	0.35	1.03

IEc) rk dkfV %

ifjgkj u fuEufyf [kr l e h d j. k d } k j k f d I h {k= dh IEc) rk dh ek= k dk ekiu dk i ; k l f d ; k l e h d j. k dk bl idkj 0; Dr fd ; k t k l drk g &

vf/kdre IEc) rk $\frac{3}{4} L / [v(v-1)/2] = 1$

t g k v l t k y r = d 'kh" k fcUnvk dh I [; k g]

L l t k y r = e IEHko vf/kdre fdukjk dh I [; k gA L dk bl idkj ifjdfyr fd ; k t k l drk g &

$L = v(v-1)/2$

U; ure IEc) rk $\frac{3}{4} L / (v-1)$

lEc) rk dh ek=k ¾ L / l of{kr ekxk dh l ;k

lkj.kh Øekd 2 tuin gjnkb: lEc) rk dh ek=k

Ø0 l:0	fodk l [k.M	vf/kdre lEHkkouk	U;ure lEHkkouk	okLrfod lEc) rk dh ek=k	foi.ku dUnk dh l ;k
1	'kkgckn	01	6-0	5-6	12
2	VkMji j	01	12-5	11-5	23
3	figkuh	01	11-0	10-0	19
4	gfj ;kok	01	13-0	12-5	22
5	VfM ;kok	01	12-5	11-1	23
6	l j l k	01	12-0	10-6	22
7	vfgjkjh	01	13-5	12-5	23
8	ckou	01	10-0	9-0	19
9	Hkj [kuh	01	8-0	7-5	15
10	gjikyij	01	6-0	5-5	11
11	l k.Mh	01	6-0	6-0	10
12	fcyxke	01	7-5	7-0	12
13	ek/kkx t	01	5-5	5-0	11
14	eYykok	01	6-0	5-1	10
15	dNkuk	01	5-0	4-1	08
16	dkFkkok	01	7-5	7-0	14
17	Hjkou	01	9-5	9-5	19
18	l.Mhyk	01	7-0	6-1	13
19	cgjnj	01	11-5	11-0	21
;kx		01	170-0	156-6	307

v/; ;u {k= d fofHkUu fodk l [k.Mk ,o lEi.k {k= d fy, lEc) rk dh ek=k dk ifjdyu lkj.kh Øekd 2 e fd;k x;k gA mDr lkj.kh l Li"V gkrk g fd l k.Mh ,o Hjkou fodk l [k.Mk e U;ure lEc) rk g tcfvU; 17 fodk l [k.M Hkh U;u lEc) rk dk inf'kr djr gA

bl idkj mijkDr fo'y" k.k d vk/kkj ij ge bl fu"d" k ij igpr g fd tuin e foi.ku dUnk dh lEc) rk lkekU; r fuEu dkfV dh gA v/; ;u {k= e fofHkUu foi.ku dUnk d e/; iR; {k ekxk rFkk vfrfjDr ekxk dk vHkko gA tuin d ifj/kh; {k=k t l& Hkj [kuh] gjikyij] l k.Mh] dkFkkok o Hjkou fodk l [k.Mk e foi.ku dUn l Md ekxk l vPNh rjg lEc) ugh gA bl idkj ykxk ,o mRiknk d lxe iokg ,o xkek e g, vfrfjDr mRiknu dk foi.ku dUn rd igpku d fy, ifjogu lfo/kkvk e l/kkj gkuk vko'; d gA bl idkj ge dg l dr g fd fty dh fodk l h; ifØ;k d vUrxr fofHkUu foi.ku dUnk dk lEc) djd ifjogu l k/kuk dk fodf l r dju dh vfr vko'; drk gA

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