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**pircairkaCya manisk AaroGyaca AWyas**

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**&ImtI nIta I aD|**

raj aram mhaiv´al y,  
koLhapb|

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**Sarax:**

srkarl =G`al yatII pircairka Aai` qaj gl =G`al yatII pircairkaCya manisk AaroGyaca AWyas kr-yasa#I pStt sxo2n hatI 6eI e ya sxo2nasa#I imi4I a manisk AaroGy is4tI xo2Ika hI Aand kmar Aai` igrI2r #akb yacl cac`I vapri I| ya cac`Imeye OkU IE iv2ane Aahē| ya cac`Im2d AhkēI, dātmwav, AiwWyKtI, wavink AiS4rta Aai` samaj k vg; p`a ya pac 63kace mapn hotē yasa#I koLhapb m2II 75ptI xahU pīmI araj e =G`al y v I o3s =G`al y yēII nmaā vapri a Tyam@ye srkarl ēI v qaj gl ēI pircairka hoTya| pStt AWyasam@yepūII go\*3I idsd AaLya|

srkarl v qaj gl =G`al yatII pircairkaCya 'manisk AaroGyam@yē I 9`ly wē idsd Aal a| Tyacbrobr TyaCya manisk AaroGyaCya car 63kathI I 9`ly wē idsd Aal a| ma5 TyaCya samaj k vg; p`a ya 63kat I 9i`y wē idsd Aal a nahl|

**pStavna:**

ÉE vextk heta`acextk Mh`d Ao; qI ej atē pTyē VyKtI hI w0itk sqaCya mage 2avt Aahē Ase jri AsI e tri smaj swa kr-yace kamhI kahl I ok krt Astat| tēna yace manisk AaroGy kse Ase? Asa pXn inmaR hotot| Tyacbrobr mihi a Mh3I eki k0b, nokri ya doNhl i#ka`I vavrtana pircairkaCya manisk AaroGy AWyasaveva3I e

**]i±\*3ye**

- 1) srkarl =G`al yatII pircairkaCya manisk AaroGyaca AWyas kr` e
- 2) qaj gl srkarl =G`al yatII pircairkaCya manisk AaroGyaca AWyas kr` e
- 3) srkarl Aai` qaj gl srkarl =G`al yatII pircairkaCya manisk AaroGyaca tūnaTmk AWyas kr` e
- 4) srkarl =G`al yatII pircairkaCya AhkēI, dātmwav ūOkak Ip`aY, AiwWyKtI, wavink AiS4rta, samaj k vg; p`a ya 63kaca tūnaTmk AWyas kr` e
- 5) qaj gl =G`al yatII pircairkaCya AhkēI, dātmwav, AiwWyKtI, wavink AiS4rta, samaj k vg; p`a ya 63kaca tūnaTmk AWyas kr` e
- 6) srkarl Aai` qaj gl =G`al yatII pircairkaCya AhkēI, dātmwav, AiwWyKtI, wavink AiS4rta, samaj k vg; p`a ya 63kaca tūnaTmk AWyas kr` e

**is@dat kLpna :**

- 1) srkarl Aai` qaj gl =G` al yatII pircarlkaCya `manisk AaroGyam@yefrk Asto|
- 2) srkarl Aai` qaj gl =G` al yatII pircarlkaCya manisk AaroGyam@ye Ahkēl' ya 63kat frk Asto|
- 3) srkarl Aai` qaj gl =G` al yatII pircarlkaCya `dāTmwav ūOkakIp` aY ya 63kat frk Asto|
- 4) srkarl Aai` qaj gl =G` al yatII pircarlkaCya `AiwlyKtl' ya 63kat frk Asto|
- 5) srkarl Aai` qaj gl =G` al yatII pircarlkaCya `wavink Ai4rta' ya 63kat frk Asto|
- 6) srkarl Aai` qaj gl =G` al yatII pircarlkaCya samaij k vq; p` a ya 63kat frk Asto|

**sx02n p@dtl :**

**nmāa :**

sdr sx02nasa#l koLhapb ij LHyatII srkarl =G` al y Aai` qaj gl =G` al y Axa Okū don =G` al yatII ÍÈ VyKtIcl invD kēl |

srkarl =G` al yatII pircarlka ū75ptl p' ml araj e =G` al yY - ÈÍ, qaj gl =G` al yatII pircarlka ūl o3s =G` al yY - ÈÍ, OkU - ÍÈ|

**sa2ne:**

ya sx02nasa#l Aand kmar Aai` igri2r #akb yacl ÍÈ pXn As` arl manisk AaroGy cac` l vaprl l| Aand kmar Aai` igri2r #akb yacl hl cac` l Ahkēl, dāTmwav, AiwlyKtl, wavink Ai4rta, Aai` samaij k vq; p` a ya Í 63kace mapn krta yēφ ya cac` lcl ivXvsinyta È|ÈÉ (Split – Half Method) Aahφ

**sx02nacl fil te:**

**tKta φ|É :** srkarl Aai` qaj gl =G` al yatII pircarlkaCya `manisk AaroGy' ya 63kace m@yman, pna` ivcl n v 't' mLy dxRv` ara tKta|

pircairka	nmāa	m@yman	pna` ivcl n	't' mLy	sa4Rta
srkarl	ÈÍ	ÉÉĐ ÈÈ	ÉÈ ÈÈ	Ì ÈÈ	È ÈÈ ya pat; lvr sa4R wel Aahφ
qaj gl	ÈÍ	ÉÉÍ ÈÈ	ÉÉ ÌÌ		

srkarl =G` al yatII pircarlkaCya v qaj gl =G` al yatII pircarlkaCya manisk AaroGyat l 9` ly frk Aahφ  
 &lt;mtl nltal aD

srkarl =G` al yatll pircarlkap@a qaj gl =G` al yatll pircarlkaace manisk AaroGy cagl eAahehl is@dat kLpna sa4R#rtf

**tKta C|E** : srkarl Aai` qaj gl =G` al yatll pircarlkaCya `AhkEI'ya 63kace meyman, pna` ivcl n v 't' mUy dxRv` ara tKta|

pircairka	nmaa	meyman	prna` ivcl n	't' mUy	sa4Rta
srkarl	EI	23.64	3.10	3.26	E EE ya pat; lvr sa4R wcl Aahf
qaj gl	EI	20.64	3.46		

srkarl =G` al yatll pircarlkaCya v qaj gl =G` al yatll pircarlkaCya manisk AaroGyat frk Aahf

srkarl Aai` qaj gl =G` al yatll pircarlkaCya AhkEI ya manisk AaroGyaCya 63ka frk Asto hl is@dat kLpna sa4R#rtf

**tKta C|E** : srkarl Aai` qaj gl =G` al yatll pircarlkaCya `dmatmwav'ya 63kace meyman, pna` ivcl n v 't' mUy dxRv` ara tKta|

pircairka	nmaa	meyman	prna` ivcl n	't' mUy	sa4Rta
srkarl	25	23.8	5.268	6.194	0.01 ya pat; lvr sa4R wcl Aahf
qaj gl	25	19.6	4.029		

srkarl =G` al yatll pircarlkaCya v qaj gl =G` al yatll pircarlkaCya manisk AaroGyat l 9` ly frk Aahf

srkarl v qaj gl =G` al yatll pircarlkaCya dmatmwav ya manisk AaroGyaCya 63kat frk Asto hl is@dat kLpna sa4R#rtf

**tKta Ɔ|Ī** : srkarl Aai` qaj gl =G` al yatll pircarlkaCya `AiwYiKt'ya 63kace  
meyman, pna` ivcl n v 't' mLy dxRv` ara tKta|

pircairka	nmua	meyman	pna` ivcl n	't' mLy	sa4Rta
srkarl	ÊÍ	31	4.00	3.153	Ë ËÉ ya pat; lvr sa4R wel Aahê
qaj gl	ÊÍ	33.4	4.914		

srkarl =G` al yatll pircarlkaCya v qaj gl =G` al yatll pircarlkaCya manisk  
AaroGyat frk Aahê

srkarl v qaj gl =G` al yatll pircarlkaCya AiwYiKtI manisk AaroGyaCya  
63kat frk Asto hl is@dat kLpna sa4R#rtê

**tKta Ɔ|Ī** : srkarl Aai` qaj gl =G` al yatll pircarlkaCya `wavink AiS4rta' ya  
63kacemeyman, pna` ivcl n v 't' mLy dxRv` ara tKta|

pircairka	nmua	meyman	pna` ivcl n	't' mLy	sa4Rta
srkarl	ÊÍ	23.2	4.74	3.128	Ë ËÉ ya pat; lvr sa4R wel Aahê
qaj gl	ÊÍ	17.6	4.75		

srkarl =G` al yatll pircarlkaCya v qaj gl =G` al yatll pircarlkaCya manisk  
AaroGyat frk Aahê

srkarl Aai` qaj gl =G` al yatll pircarlkaCya wavink AiS4rta ya manisk  
AaroGyat frk Asto hl is@dat kLpna sa4R#rtê

**tKta Ɔ|Ī** : srkarl Aai` qaj gl =G` al yatll pircarlkaCya `Ahkêl'ya 63kace  
meyman, pna` ivcl n v 't' mLy dxRv` ara tKta|

pircairka	nmua	meyman	pna` ivcl n	't' mLy	sa4Rta
srkarl	ÊÍ	26.8	3.39	0.484	Ë ËÉ ya pat; lvr sa4R wel Aahê
qaj gl	ÊÍ	24.4	4.27		

srkarl =G` al yatll pircarlkaCya v qaj gl =G` al yatll pircarlkaCya manisk  
AaroGyat frk nstol

&Imtl nIta l aD

qaj gl =G` al yatII pircarIkaCya samaij k vg; p` a ya manisk AaroGyaCya  
63kat frk Asto hl is@dat kLpna sa4R#rtϕ

#### in\*k8R:

- 1) srkarl v qaj gl =G` al yatII pircarIkaCya `manisk AaroGyat' frk AstI  
qaj gl =G` al yatII pircarIkaCemanisk AaroGy cagl eAahϕ
- 2) srkarl Aai` qaj gl =G` al yatII pircarIkaCya `AhkēI' frk AstI qaj gl  
=G` al yatII pircarIkaCya manisk AaroGyaca AhkēI ya 63kat manisk AaroGy  
]Cc dj aBēAahϕ
- 3) srkarl v qaj gl =G` al yatII pircarIkaCya manisk AaroGyaCya `dāTmwav' ya  
63kat frk AstI qaj gl =G` al yatII pircarIkaCya `dāTmwav' ya 63kat  
manisk AaroGy ]Cc dj aBēAahϕ
- 4) srkarl v qaj gl =G` al yatII pircarIkaCya manisk AaroGyaCya `wavink  
AiS4rta' ya 63kat frk AstI qaj gl =G` al yatII pircarIkaCemanisk AaroGy  
ya 63kababt Anku Aahϕ
- 5) srkarl v qaj gl =G` al yatII pircarIkaCya manisk AaroGyaCya `AiwlyKtl' ya  
63kat frk AstI qaj gl =G` al yatII pircarIkaCemanisk AaroGy srkarl  
=G` al yatII pircarIkaCya cagl eAahϕ
- 6) srkarl v qaj gl =G` al yatII pircarIkaCya manisk AaroGyaCya `samaij k  
vg; p` a' ya 63kat frk nahl kar` srkarl =G` al yatII pircarIkaCemanisk  
AaroGy cagl eAahϕ

#### sdwRslc :

1. Da\$ds a{ wrt Aai` Da\$s0|AWykr xowna ÉÉÉÉ : pāyoigk mansxaS5 Aai`  
sx02n p@dtI, nrē pKaxn, pūϕ
2. Da\$Aagl avepdlp ÉÉÉÉ : sx02n p@dtIxaS5 v t5ē iv`a pKaxn, nagpdl
3. Da\$c³xer dēpaDe: vEaihk smayoj n Aai` magBxR pircy, kGb Aai` ivvah  
wag - É
4. Da\$s0|pēl a ka; e: vEaihk smayoj n wag - É
5. pā|Axok borse pā|pl|Vhl|rsa; Aai` Da\$na|ra|c02rl : piriS4tlj Ny k03ubk  
dDp` wag - ĩ