

FbgbkI\_jkI\h gZmdb b \ukr\_]h h[jZah\Zgby Jhkkbckdh  
N\_^\_jZevgh\_ ]hkm^Zjkl\\_ggh\_ [x^`\_lgh\_ h[jZah\ZI\_ev  
 \ukr\_]h h[jZah\Zgby  
©Kfhe\_gkdbc ]hkm^Zjkl\\_gguc mgb\\_jkbl\_l^a

DZn\_^jZ ]\_h]jZnbb

©MI\\_j`^Zx^a  
ljhj\_dlhj ih mq\_[gh  
f\_lh^bq\_kdhc jZ[hI\_  
BBBBBBBBBBBB X : Mklb  
© ^a k\_gly[jy. ]

JZ[hqZy ijh]jZffZ ^bkpbiebgu  
; <> <09.01 BgnhjZpbhgggu\_ l\_ogheh]bb \ wdheh]bq\_kc  
dZjh]jZnbjh\Zgbb

GZijZ\e\_gb\_ ih^]hlh\db Wdheh]by b ijbjh^hihevah\Zgb\_  
GZijZ\e\_gghklv Wdheh]by b ijbjh^hihevah\Zgb\_  
Dmjk3 ±  
K\_f\_klϕ ±  
NhjfZ h[mq\_hgpgyZ ¥  
<k\_]h aZqzlguo2\_ ^kZgkhp72±  
EZ[hjZlhjgu\_ a36gyZ ky ±  
KZfhklhyl\_evgy36j Z ZklZ ±  
NhjfZ hlq\_lghklh6 ka\_Zqklj

ljh]jZffZ khklZ\e\_gZ gZ hkgh\\_ N=HK <H ih gZijZ\e\_gbx ih^]  
Wdheh]by b ijbjh^hihevah\Zgb\_

ljh]jZffm jZajZ[hIZe  
^hdlhj ]\_h]jZnbq\_kdbo gZmd ^hp\_gI IhIhpdZy L B

H^h[j\_gZ gZ aZk\_^Zgbb dZn\_^ju ]\_h]jZnbb  
©2^a k\_gly[py ]h^Z ijhlhdhe <

1. F\_klh ^bkpbiebg \ kljmdhlnj\_<br><br>>bkpbiebgZ ; <l> ©BgnhjZpbhggu\_ l\_ogheh]bb \ w<br>dZjhh]jZnbjh\Zgbb^ hlgkblky d [ehdm ^bkpbiebg ih \u[hjm<br>gZijZ\^e\_gbx ih^]hlh\db Wdheh]by b ijbjh^hihevah\Zgb<br>>bkpbiebgZgn©jZpbhg l\_ogheh]bb \ wdheh]bq\_kdhf^dZj<br>bf\_\_l ijhi\_^\_\lbq\_kdh\_ agZq\_gb\_ b kem`bl f\_lh^heh]bq<br>wdheh]bq\_kdbo oZjZdl\_jbkld jZaguo l\_jjblhjbc F\_lh^bdZ<br>bkihevah\Zgbb agZgbc ihemq\_gguo h\_kmqZxsbckby\lZjhdpo^<br>dZdbkihevah\Zgb\_ lbhjojZgZk hkmjkh\\_^HgbjZgZ hdjm`Zxs\_c kj<br>>Zevg\_cr\_\_ jZa\blb\_ gZ\udh\ knhjfbjh\Zgguo ijb \_z bar<br>aZ kqzl bamq\_gby lZdbo ^bkpbiebg hZdb\_kh]Zn]bydmjk

2. leZgbjm\_fu\_ j\_amevlZlu h[mq\_gby ih ^bkpbiebg\_ khhlg\_l<br>j\_amevlZIZfb hk\h\_gby h[jZah\ZI\_evghc ijh]jZff<br>Dhfi\_l\_gpbb h[mqZxs\_]hky nhjfbjm\_fu\_ \ j\_amevlZI\_ h<br>fh^meyuimkdgb ^he`\_g h[eZ^Zbviklen^nkxhgZevgufb dhfi\_l\_<br>• \eZ^\_gb\_ agZgbyfb h[ hkgh\Zo a\_fe\_\\_^\_gby deb<br>eZg^rZnlh\\_^\_gby -wdheh]bq\_kdhc ]\_h]jZnbb d dZjhh]jZnbb<br>• \eZ^\_gb\_ agZgbyfb \ h[eZklb h[s\_]h j\_kmjkh\\_^<br>ijbjhhihevah\Zgby dZjhh]jZnbb ID<br>< j\_amevlZI\_ hk\h\_gby ^bkpbiebg h[mqZxs\_bcky ^he`<br>agZgbyfb mf\_gbyfb b gZ\udZfb<br>AgZ:lv nmg^Zf\_glZevgu\_ jZap^Zeuw ghghfbq\_kdhc ]\_h]jZnbb<br>j\_kmjkh\\_^\_gby j\_]bhgZevgh]VZgbyjh^dZjhh]jZnbb<br>^ey klZlbbq\_kdhc ]jZnbq\_kdhc b dZjhh]jZnbq\_kdhc h[jZ<br>l\_jjblhjZevg^dheh]bq\_kdhc k ihfhsvx l\_ogbq\_kdbo kj\_^kl<br>Bgl\_jg\_lkmjku kh^\_j`Zsb\_ ]\_hwjZneh]bq\_kdhc^Zgguo<br>Mf\_:lvijbf\_gylv dZjhh]jZnbq\_kdbc f\_lh^ b f\_lh^w dh^e\_h]bq\_kdhc<br>bkke\_^h\Zgbyo bkihevamy bgnhjZpbhggu\_ l\_ogheh]bb<br><eZ^:lfh`\_l bkihevah\Zlv bgnhjZpbhggu\_ l\_ogheh]bb b f\_lh<br>kbgl\_aZ ]\_h]jZnbq\_kdhc]bq\_kdhc]bq\_kdhc]bq\_kdhc]bq\_kdhc<br>bkke\_^h\Zgbyo bkihevah\Zlv bgnhjZpbhggu\_ l\_ogheh]bb b f\_lh<br>kh^\_j`Zsb\_ky \ Bjl\_kmjgkZ o

3. Kh^\_j`Zgb\_ ^bkpbiebg<br>JZa^\_e L\_hjby b f\_lh^bdZ klpbhZevgh]bq\_kdh]h wdtheh]bq<br>dZjhh]jZnbq\_kdhc Hkh[\_gghklb khv^dZg^gh]bq\_kdhwdheh]bq\_kdh<br>dZjhh]jZnbjh\Zgbb^ hlgkblky bgnhjZpbhggu\_ l\_ogheh]bb<br>ebl\_jZlm]jgh]jZnbq\_kdb\_ dZjhh]jZnbq\_kdb\_ b Zhijhredh]bq\_kdh<br>\kihfh]ZI\_evgh]bq\_kdh]jZnbjh\Zgbb^ hlgkblky ih h]jfhf\_ljbq\_kdb<br>gZ]ey^gu\_ [md\\_ggu\_ ihjZafehg]bq\_kdh]bq\_kdh ih dZq\_lkl\\_gg<br>oZjZdl\_jbkldZ h[t\_dIZ dZq\_kl\\_gguc nhg dhebq\_kl\\_gguc<br>klZlbbq\_kdbc ]\_h]jZnbq\_kdh]bq\_kdh]bq\_kdh]bq\_kdh]bq\_kdh<br>ih rbjbg\_ agZdh\ ^\b`\_gby mkeh\gh klmi\_gqZIZy jZaf\_jghkl<br>mkeh\gh klmi\_gqZIZy jZaf\_jghklv ih qbkem ebgbc agZdh\ ^<br>agZdh\ ^\b`\_gby jZaf\_jghklv ih qbkem ebgbc agZdh\ ^\b`\_gby p\\_l a<br>ZgZfhjnhau \ZjbZ\Ze\_glg\_u\_ ebg\_cgu\_ iehsZ^gu\_ dZj<br>ebg\_cgZy iehsZ^gZy khklZ\gZy kllklZjehZgdb^h]bq\_kdh]bq\_kdh<br>jZajZ[hldZ kh^\_j`Zgby dZjkuv khv^dZg^gh]bq\_kdh]bq\_kdh<br>gbo k\\_^\_gbc hij\_^\_ey\_fZy gZagZq\_gb\_f b jZajZj[hldZc e\_ljh<br>dZjluijgpbui \_\_ nhjfbjh\Zgby i\_j\_ghk l\_fZlbbq\_kdh]bq\_kdh]bq\_kdh<br>Z\lhjkbcb hjb]bgZe

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jZ[hlgZijZ\le\_gZ gZ nhjfbjh\Zgb\_ gZ\udh\ ihkljh\_gby we\_dl  
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hilbfZevgh]h jZafujZddZhabpby dZjlu mkIZgh\le\_gb\_ jZaf\_j  
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jZaf\_j lbi km[hj^bgZpby gZ^ibk\_c gZg\_k\_gb\_ gZ dZjlm  
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ij^\_eZo dZ^`h]h l\_jjblhjbZevgh]h mjh\gy b khklZ\eg]bb\_  
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4. L\_fZlBq\_kdbc ieZg

i	JZa^_eu b l_fu	<k_]qZkh	Nhjfu aZgyIBC		
			E_dp	EZ[hjZlhjg aZgyIby	KZfhklhyl_e jZ[hIZ
1	L_hjby b f_lh^bdZ -wdhghfbq_kdh]h wdhdZjlh]jZnbjh\Zgby	4	-	2	2
2	JZ[hIZ k ]jZnbq_kdbfCorelDraw - ih^]hlh\dZ we_d dhgImjghc dZjlu d jZ[hI	4	-	2	2
3	JZ[hIZ k ]jZnbq_kdbfCorelDraw ± dZjlu p dZq_kl\_gguc dheb nhg	8	-	4	4
4	JZ[hIZ k ]jZnbq_kdbfCorelDraw ± dZjlu p\_l Zj_	4	-	2	2
5	JZ[hIZ k ]jZnbq_kdbfCorelDraw ± dZjlu agZqdb	8	-	4	2
6	JZ[hIZ k ]jZnbq_kdbfCorelDraw ± dZjlu lhq_qguc	4	-	2	2
7	JZ[hIZ k ]jZnbq_kdbf	4	-	2	2

	CorelDraw ± dZjlu kihkh[ ^ \ b ` _ gby				
8	JZ[hIZ k ]jZrbf qjk^Zdl CorelDraw ± ZgZfhjnbjh\Z dZjlu	4	-	2	2
9	JZ[hIZ \ 0LFURVRIW kha^Zgb_ b \_^_gb_ jZ[hqbo l_ljZ^_c ih ]_h mq_[guf dmjkZf	4	-	2	2
10	JZ[hIZ \ 0LFURVRIW klZl bklbq_ kdZy ]_h]jZnbq_[ZabZgguo	12	-	4	8
11	JZ[hIZ \ 0LFURVRIW ]jZnbq_ kdZy h ]_h]jZnbq_ kdbo [Za ^Zg	6	-	4	2
12	JZ[hIZ \ 0LFURVRIW ± dZjlh]jZnbq_ kdZy ]_h]jZnbq_ kdbo [Za dZjlh]jZffZ	6	-	4	2
13	JZ[hIZ \ 0LFURVRIW ± dZjlh]jZnbq_ kdZy ]_h]jZnbq_ kdbo [Za dZjlh^bZ]jZffu	8	-	2	4
BLH=		72	-	36	36

5. <b^u mq\_[guo aZgylbc

Dmjk ©BgnhjZpbhggu\_ l\_ogchreh]bbq\_kdhf dZjlh]jZnbfjh\Zg  
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EZ[hjZlhjgh\_ aZgylb\_ <

L\_ Z ©L\_hjby b f\_lh^bdZ-wkdpZfbovghkdh]h wdheh]bq\_ kd  
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P\_ev b aZ^Zqb aZgjfbj\Zgb\_ ij\_^klZ\ e\_gbykma^ZghybdZevgh  
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  4. Kihkh[u dZjlh]jZnbq\_kdhf dZjlh]jZnbq\_kdhf \_gguc nhg
  5. Kihkh[u dZjlh]jZnbq\_kdhf dZjlh]jZnbq\_kdhf \\_gguc nhg
  6. Kihkh[u dZjlh]jZnbq\_kdhf dZjlh]jZnbq\_kdhf
  7. Kihkh[u dZjlh]jZnbq\_kdhf dZjlh]jZnbq\_kdhf kihkh[
  8. Kihkh[u dZjlh]jZnbq\_kdhf dZjlh]jZnbq\_kdhf ^ \ b ` \_ gby
  9. Kihkh[u dZjlh]jZnbq\_kdhf dZjlh]jZnbq\_kdhf .hau
  10. Kihkh[u dZjlh]jZnbq\_kdhf dZjlh]jZnbq\_kdhf jZffZ
  11. Kihkh[u dZjlh]jZnbq\_kdhf dZjlh]jZnbq\_kdhf jZffZ
  12. KkhkZ\ e\_gb\_ khv dZg h ghd h kdbojZaZjZ[hldZ kh^\_j`Zgby d
  13. KkhkZ\ e\_gb\_ khv dZg h ghd h kdbojZaZjZ[hldZ e\_]\_g^u d
- ijbgpbu \_\_ nhjfbjh\Zgby

14. KhklZ\e\_gb\_ kh^\_j`Zgby- dZjhgbdZ gZ Z\lhjkdbc hjb]bgZe
- AZ^Zgby
1. Bamqbl\_ dZjlhko\_fu b dZjlu kh^\_j`Zsb\_ky \ mq\_ ZleZkZo lZd `GZpbhgZevghf ZleZkkf JHkibkld ebl\_jZ ]\_h]jZnbq\_kdb\_ kZpeZekux \uy\e\_gby wdheh]bq\_kdbo dZjlh DZdh\Z bo l\_fZlbdZ"
  2. DZdb\_ jblhjbZevgu\_ mjh\gb qZs\_ bkihevamxiky \ wdheh]bq\_kdbo ijhp\_kkh\" K q\_f wlh k\yaZgh"
  3. Hij\_^\_ebl\_ kihkh[u dZjlh]jZnbjh\Zgby dhlhju\_ b khklZ\e\_gb dZjlh]jZnbq\_kdbo jZ[hI wdheh]bq\_kdbo Kqhmkgmclf hilbfZevghklv hje \u[
  4. GZ hkgh\\_ ijh\\_^\_gghc ZgZebIbq\_kdhc jZ[hlu @Wdheh]bq\_kdb\_ dZjlu \ ]\_h]jZnbq\_kdbo ZleZkZo^a

GZa\Zgb_ ]_h]jZnb ZleZkZ	GZa\Zgb_ wdheh dZjlu	Kihkh[u dZjlh]jZnbjh\Zg

Djbl\_jbb \uklZ\e\_gby hp\_ghd

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Hp\_gdZ- @gZebqb\_ \ jZ[hq\_c l\_ljZ^b aZihieg\_gghc lZ[ebpu kh bgnhjZpbx h[ wdheh]bq\_kdhf kh^\_j`Zgbb \k\_o kh^\_j`Zsboky \ kibkd\_ ebl\_jZlmju ih ^Zggghfm mq\_[ghfm dmjkm

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Hp\_gdZ- @k^mkl\b\_ \ jZ[hq\_c l\_ljZ^b aZihieg\_gghc lZ[ebpu h[ wdheh]bq\_kdhf kh^\_j`Zgbb ]\_h]jZnbq\_kdbo ZleZkh\ kh^\_ ih ^Zggghfm mq\_[ghfm dmjkm

EZ[hjZlhjgh\_ aZgyIb\_ <

L\_fZ @JZ[hIZ k]jZnbq\_kdb CorelDZw hih\dhZ we\_dljhggh dhglmjghe dZjlu d jZ[hI\_a

P\_ev b aZ^ZqIbyanzhjbjh\Zgb\_ gZ\udh\ ihkljh\_gby we\_dlj hij\_^\_e\_gb\_ nhjfZIZ dZjlu Zev[hfguc dgb`guc hij\_^\_e\_g dZjlu dhfihabpby dZjlu mkIZgh\e\_gb\_ jZaf\_jZ ebgbc g bah[jZ`\_gby @gZj\_adZ^a l\_jjbgZjbcZjlgZ^i jkrlu iheh`\_gb\_ j km[hj^bgZpby gZ^ibk\_c gZg\_k\_gb\_ gZ dZjlm l\_jjblhjbce\_]\_g^Z dZjlu

<hijhku ^ey h[km`^\_gby

1. Kihkh[ agZqdh\ ihgyIb\_ ijbgpbiu ehdZebaZpbb gZ
2. <b^u agZqdh\ ih\_@hgf\_g\_\. p\\_lm
3. JZaf\_jgu\_ rdZeu b bo \b^u
4. G\_^hklZldb bkihevah\Zgby kihkh[Z agZqdh\
5. E\_]\_g^Z dZjlu b ijbgpbiu \_z nhjfbjh\Zgby

AZ^Zgby

1. Bkihevamy [Zam ^Zongt uodlZf Jhkkbckdhc N\_^bjZp  
we\_dljhggmx dhgImjgmx^fbgZjk mjZlK gjhblhjbZgh \_ ^\_e\_g  
Jhkkbb gZj\_` \lh\_k\_fj\_]bhgZevguo kZjilt\_dou JN P\_gljZe  
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n\_^\_jZevgh]h hdjrt]Zdlu ©Km ljb\he`kdh]h n\_^\_jZevgh  
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2. Ih^ibrbl\_ dZ`^m m q\_ggmxdZjlm gmf\_jZpby jbk  
Z\lhjkdZy ijbGZ^e`ghklv ]h^ kha^Zgby rjbnl  
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3. GZg\_kbl\_ gZ dZ`^mx j\_]bhgZevgkm [tdZjllm gZajZrgl\_`  
`bjguc gZdehgguc \u^\_eyy gZa\Zgby kdh[db p\`l  
rjbnlZ b ^j < kemqZ\_ g\_\hafh`ghklb kZra[ft\_sdl`gbyngjZa  
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4. Bkihevamy kijZ\hqqu\_ fZl\_jbZeu lZ[ebpu gZg\_`  
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k\h[h^gZy nhjfZ l\_dkl
5. Kha^Zcl\_ mkeh\gu\_ h[hagZq\_gby hljZab\ \ gbo agZ  
imgkhgh\ ih^ibrbl\_ bo rjbnl `bjguc gZdehgg  
gZijZ\`e\_gghklv
6. GZ \k\_o khklZ\ejl`g g©Km]Z\_dlu JN P\_gljZevgh]h n  
hdjm]Z^a ©Km[t\_dlu -A XiZ`g\h]h n\_^\_jZevgh]h hdjm]Z^a  
X`gh]h n\_^\_jZevgh]h hdjm]Z^a ©Km]Z\_dluZaKdh]h k\_n\_j^jZ  
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LZ[ebpZ

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Mevygh\kdZy h[	25887,0	-	24212,5	1492,7
MjZevkdabc N	<b>656309,9</b>	<b>750,5</b>	<b>507029,3</b>	<b>70256,1</b>
Dmj]ZgkdZy h[e	182218,9	339,0	155067,4	7602,4
K\_j^eh\kdZy h[	247554,3	111,5	163846,8	29285,3
Lxf_gkdZy h[eZ	143388,9	300,0	131508,1	8251,3
\ lhf qbke_				
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YfZeh_g_pdb Z\l hdjm]	«	«	«	«
Lxf_gkdZy h[eZklv [_a Z\l	«	«	«	«

hdjm]h\				
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 (<http://www.protown.ru/>).

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27	=Zebqvy =hjZ	Ebi_pdZy h[eZk	49,6	1925
28	=u^Zgkdbc aZih\_	YfZeG_g_pdbc:f	8 781,7	1996
29	>Z]_klZgkdbc aZih\_^gbd	>Z]_klZg	190,6	1987
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41

37 aZih\\_^gbP&@



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59	Fhj^h\kdbc aZih\	Fhj^h\by	321,5	1936
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79	KZygRmr_gkdbc aZih\_^gbd	DjZkgk]kdbc djZc	3 903,7	1976
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82	Khohg^bgkdbc aZih\_^gbd	AZ[ZcdZevkdbc	2 109,9	1973
83	Klhe[u	DjZkghyjkdbc d	471,5	1925
84	LZcfujkdbc aZih\_^	DjZkghyjkdbc d	17 819,28	1979
85	L_\_j^bgkdbc aZih\_^gbd	DZjZqZQ\hd_kby	850,6	1936
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95	Ohizjkdbc aZih\_^	<hjhg\_kdZy h[e	161,8	1935
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AZ^Zgby

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Gbd_e\_u_ jm^u	LZegZokdh_ Hdly]jbevdhbcGjZchg Dhevkdcb ihemkljh\ ©
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4	MklBebfkdy =	3840	j :g]ZjZ	BjdmikdZy h[eZ
5	;h]mqZgkdZy =	2997	j :g]ZjZ	DjZkghyjkdbc d
6	<he`kdZy =WK	2650	j <he]Z	<he]h]jZ^kdZy
7	@b]mez\kdZy =	2404	j <he]Z	KZfZjkdZy h[eZ
8	;mj_ckdZy =WK	2010	j ;mj_y	:fmjkdZy h[eZk
9	Q_[hdkZjkdZy :	1404	j <he]Z	Qm\Zrby
10	KZjZlh\kdZy =V	1391	j <he]Z	KZjZlh\kdZy h[
11	A_ckdZy =WK	1330	j A_y	:fmjkdZy h[eZk
12	Gb`g_dZfkdZy	1248	j DZfZ	LZlZjklZg
13	<hldbqkdZy =W	1020	j DZfZ	l_jfkdbc djZc
14	Qbjd_ckdZy =W	1000	j KmeZd	>Z]_klZg
15	Dhefukdy =WK	900	j DheufZ	FZ]Z^ZgkdZy h
16	<bexckdy- =Wk	680	j <bexc	Ydmlby
17	BjdmikdZy =WK	662	j :g]ZjZ	BjdmikdZy h[eZ
18	Dmj_ckdZy =W	600	j Dmj_cdZ	DjZkghyjkdbc d
19	DZfkdZy =WK	552	j DZfZ	l_jfkdbc djZc
20	Gb`_]hjh^kdZy	520	j <he]Z	Gb`_]hjh^kdZy h[eZklv
21	Gh\hkb[bjkdZy	470	j H[v	Gh\hkb[bjkdZy h[eZklv
22	MklOZglZckdy =WK	451	j OZglZcdZ	DjZkghyjkdbc d
23	Bj]ZgZckdy =V	400	j :Zjkdh_ Dhckm	>Z]_klZg
24	Ju[bgkdZy =WK	356	j <he]Z j R_dkgZ	YjhkeZ\kdZklwh
25	FZcgkdZy =WK	321	j ?gbk_c	OZdZkby
26	<bexckdy- <del>H</del> WK K\_lebgkdZy =	278	j <bexc	Ydmlby
27	<_jog_lmehfkd_ =WK	268	j LmehfZ	FmjfZgkdZy h[e

4. GZ hkgh\\_ kijZ\hqgh]h fZl\_jbZeZ kh^\_j`Zs\_]hky \ dZj]hko\_Qbk@\_gggZkv\_e\_gby \ djmig\_crb\_ ]hjh^kdbo^Z]e bkihevankh\gmx klmi\_gqZlmx jZaf\_jgm]x rdZem3) agZqdZ d\Z^jZlghc nhjfu h[hagZqZxs\_]h qbke\_gghklv gZk\_e\_gl Z]ehf\_jZpbb q\_f [hevr\_ qbkebgghkfv]gZkr\_e\gebqbgZ a ]h^Zf ljbk\hcl\_dZ`^hfm ]h^m k\hc p\\_l >ey \uiheg\_gby k\_^bgbpZfb baf\_jxgby HgZ ihfh`\_l ]jZfhlg h ijbfgylv jZaf\_jgm]x rdZem G\_ aZ[m^vl\_ ih^ibkZlv dZjlm b\_gz

h[hagZq\_gby jZaf\_jgmx rdZem GbZ [h]\_ b gkg Zr q Cbg ll Draw ±  
mdZaZl\_ev ijyfhm]hevghd iZeblijZ KFMD ih mfhEqZgbx  
LZ[ebZ  
Qbke\_gghklv gZk\_e\_gby \ djmig\_crbo ]hjh^kukb,2016hjf\_jZ  
>N\_^\_jZevgZy kem`[Z hrc k m^kZjklb k gkgd b Jhkkbckdhc  
(<http://www.gks.ru/>).

<	=hjh^	1897	1926	1939	1959	1979	1989	2002	2016
1	Fhk d\Z	1039	2080	4609	6133	8057	8878	10126	12330
2	KZgdll_l_j[mj]	1265	1737	3431	3390	4569	4989	4661	5226
3	Gh\hkb[bjkd	8	120	404	885	1309	1420	1426	1584
4	?dZl_jbg[mj]	43	140	423	779	1210	1296	1294	1444
5	Gb`gbc Gh\]hjh	90	222	644	941	1342	1400	1311	1267
6	DZaZgv	130	179	406	667	989	1094	1105	1217
7	Q_ey[bgkd	20	59	273	689	1030	1107	1077	1192
8	Hfk d	37	162	289	581	1016	1149	1134	1178
9	KZljZ	90	176	390	806	1192	1222	1158	1171
10	JhklhgZ>hgm	120	308	510	600	925	1008	1068	1120
11	MnZ	49	99	258	547	977	1080	1042	1111
12	DjZkghyjk d	27	72	190	412	795	869	909	1067
13	l_jfv	45	121	306	629	998	1041	1002	1042
14	<hjhg_`	81	122	344	447	781	882	849	1032
15	<he]h]jZ^	55	151	445	591	926	999	1011	1016
16	DjZkgh^Zj	66	163	193	313	557	619	646	854
17	KZjZlh\	137	220	372	579	854	902	873	843
18	Lxf_gv	30	50	79	150	356	476	511	721
19	Lhevyllb	6	6	9	61	505	629	703	713
20	B`_\kd	22	63	176	285	551	635	632	643
21	;ZjgZme	21	74	148	303	534	599	601	636
22	Bjdmk d	51	108	250	366	547	573	594	623
23	Mevygh\kd	42	66	98	206	462	624	636	622
24	OZ[Zjh\kd	15	52	207	323	526	598	583	611
25	YjhkeZ\ev	72	116	309	407	595	629	613	607
26	<eZ^b\hklhd	29	108	206	291	549	631	595	607
27	FZoZqdZeZ	10	34	87	119	247	302	462	588
28	Lhfk d	52	92	145	249	423	473	488	569
29	Hj_g[mj]	72	123	172	267	458	517	549	563
30	D_f_jh\h	...	22	137	289	461	509	485	553
31	Gh\hdmag_pd	3	4	166	382	544	583	550	551
32	JyaZgv	46	51	95	214	450	512	522	535
33	:kljZoZgv	113	184	259	305	458	478	505	532
34	GZ[_j_`gu_ Q_	1	4	9	16	305	500	510	527
35	l_gaZ	60	92	160	255	482	522	518	525
36	Ebi_pd	21	21	67	157	394	450	506	510

Djbl\_jbb \uklZ\e\_gby hp\_ghd  
Hp\_gdZ- @Z^ebqb\_ ijZ\bevgh\_gguo b k l\_ogbq\_kdhc lhqdb aj\_  
agZqdh\ jZaf\_jgZy rdZeZ b k ]\_h]jZnbq\_kdhc lhqdb aj\_gby  
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Hp\_gdZ- @Z^ebqb\_ ijZ\bevgh \uiheg\_gguo k ]\_h]jZnbq\_kdhc lh  
gh k g\_[hevrbfb l\_ogbq\_kdbfb hrb[dZfb nhjfZ b p\\_l agZqd  
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EZ[hjZlhjgh\_ aZ^gylb\_ <

L\_fZ ©JZ[hIZ k ]jZnbq\_kdbfCorelDraw HdjZflu lhq\_qguc kihkh[  
P\_ev b aZ^Zqb aZ^hgy bj h \Zgb\_ gZ\udh\ ihkljh\_gby we± dl  
dZjlh]jZnbjh\Zgb\_ yke jhgk dZgZgguo hlgkbl\_evgh ih\\_k\_f\_klg  
kl\_i\_gb ]mklhlu lhq\_qguc kihkh[

- <hijhku ^ey h[km`^\_gby
1. Lhq\_qguc kihkh[ dZjlh]jZnbjh\Zgby ihgyib\_ b mkeh\  
2. <b^u lhq\_qgh]h kihkh[Z ]\_h]jZnbq\_kdbc ko\_fZlbq\_  
3. <b^u dZjl \ ihk bjhdhlhjuo gZb[he\_\_ qZklh ijbf\_gy  
kihkh[

AZ^Zgby

1. Bamqbl\_ dZjlu kh^\_j`Zsb\_ky \ mq\_[guo ZleZk  
bkihevah\Zgb\_f lhq\_qgh]h kihkh[Z  
2. Bkihevamy kijZ\hqug\_ fZl\_jbZeu lZ[ebpu b ZleZ  
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ijbf\_gyy ko\_fZlbq\_kdbc \b^ lhq\_qgh]h kihkh[Zeh<Gd l  
aZ[m^vl\_ ih^ibkZlv dZjlm b gZg\_klb gZ g\_z mkehGZ [hj h  
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LZ[ebZ

lehsZ^v qbke\_gghklv gZk\_e\_gby iehlghklv gZk\_e\_gby i  
h[eZklb > Khp bZevdgh hfbq\_kdb\_ ihdZaZlEb jZa\blby ]h  
Kfhe\_gkdhc h[eZklEb\_gkd NK=K ih Kfhe\_gkdhc h[eZklb @

	L_jjblhjby df	Qbke_gghk ihklhyggh]h gZk_e_gby q	lehlghklv gZk_e_gby\_q gZ ² df
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jZhu			
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JhkeZ\evkdbc	3032	74476	24,6
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Kfhe_gkdbc	2895	45081	15,6
Kuq_\kdbc	1804	13405	7,4
L_fdbgkdbc	1324	6258	4,7
MjjZgkdbc	2869	9599	3,3
ObkeZ\bqkdbc	1161	9913	8,5
Ohef@bjdh\kdb	2033	10943	5,4
Rmfyqkdbc	1368	11413	8,3
Yjp_\kdbc	1619	56908	35,2

3. Bkihevamy kijZ\hqgu\_ihfZqbkkeZegghklb gZk\_e\_gby ih  
b KhpZevghghfbq\_kdbchZkeZkhkljhcl\_ dZjLhko\_fu ©Qb  
gZk\_e\_gbyljZevgh]h NH©Qbke\_gghklv gZgh]h\_gby^aJN  
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lhqdb \u[\_jbl\_ kZfhklGyl\_aez]gm^vl\_ ih^ibkZlv dZjlm b g  
mkeh\gu\_ h[hagZq\_gby GZ[hj]h gkljmfCgllDraw ± mdZaZl\_e  
weebik iZebljZ KFMD ih mfheqZgbx l\_dkl

4. Bkihevamy kijZ\hqgu\_ fZl\_jbZevZleZlebkfhe\_gkdhc  
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gZ g\_z mkeh\gu\_ h[hagZq\_gby \\_k lhqdb GZ[hj]b  
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LZ[eb]Z  
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>KhpZevghghfbq\_kdb\_ ihdZaZl\_y\_qbjhZa\ b jZchggh\ Kfhe\_gk  
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	DZjLhn_ev				
	2009	2010	2011	2012	2013
<k_]h ih h[eZklb lhfbke_	18,2	18,3	19,3	20	18,1
]hjhZ					
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>_kgh]hjkd	0,1	0,1	0,1	0,1	0,1
jZgu					
<_eb`kdbc	0,3	0,3	0,3	0,3	0,3
<ya_fkdbc	1,7	1,6	1,6	1,6	1,5
=Z]Zjbgkdbc	1,2	1,1	1,1	1,2	1,2
=ebgdh\kdbc	0,3	0,3	0,3	0,4	0,3
>_fb^h\kdbc	0,4	0,4	0,5	0,5	0,4
>hjh]h[m`kdbc	0,5	0,5	0,5	0,5	0,5
>moh\sbgkdbc	0,5	0,5	0,5	0,5	0,5
?evgpkdbc	0,4	0,4	0,5	0,5	0,4
?jrbqkdbc	0,3	0,3	0,3	0,3	0,3
DZj^ufh\kdbc	0,3	0,3	0,3	0,3	0,3
DjZkgbgkdbc	0,7	0,6	0,6	0,7	0,6

FhgZklujsbgkdbc	0,6	0,6	0,6	0,6	0,6
Gh\h^m]bgkdbc	0,6	0,5	0,5	0,5	0,5
Ihqbgdh\kdbc	0,7	0,7	0,8	0,7	0,7
JhkeZ\evkdbc	1,8	1,8	2	1,9	1,8
Jm^gygkdbc	1,1	1,2	1,3	1,4	1,1
KZnhgh\kdbc	1	1,1	1,4	1,5	1,3
Kfhe_gkdbc	1,7	1,7	1,8	1,8	1,7
Kuq_\kdbc	0,4	0,4	0,4	0,4	0,4
L_fdbgkdbc	0,5	0,4	0,3	0,3	0,3
M]jZgkdbc	0,6	0,5	0,7	0,9	0,7
ObkeZ\bqkdbc	0,6	0,6	0,6	0,6	0,4
Ohēf@bjdh\kdbc	0,4	0,4	0,4	0,4	0,3
Rmfyqkdbc	0,7	0,7	0,6	0,7	0,7
Yjp_\kdbc	0,6	0,7	0,8	0,9	0,7

Djbl\_jbb \uklZ\ē\_gby hp\_ghd  
Hp\_gdZ-@Zēbqb\_ ijZ\bevgh \uiheg\_gguo b k l\_ogbq\_kdhc lh  
ihdZaZl\_ev \\_k lhqdb b k ]\_h]jZnbq\_kdhc lhqdb aj\_gby dZj  
Hp\_gdZ-@Zēbqb\_ ijZ\bevgh \uiheg\_gguo k l\_ogbq\_kdhc lh  
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L\_fZ ©JZ[hIZ k ]jZnbq\_kdb CoreDraw HdjZfu kihkh[ agZdh\ ^\b`\_  
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gZijZ\ē\_gby b h[tzf ^\b`\_gby ihlhdh\ lh\Zjh\ ex^\_c dZibIZ  
y\ē\_gbc

<hijhku ^ey h[km`^\_gby

1. Kihkh[ agZdh\ ^\b`\_gby mkeh\by bkihevah\Zgby
2. Kihkh[u ihdZaZ agZdh\ ^\b`\_gby
3. <b^u dZjl ^ey ihkljh\_gby dhlhjuo gZb[he\_\_ qZklh ij  
^\b`\_gby

AZ^Zgby

1. Bamqbl\_ dZjlu kh^\_j`Zsb\_ky \ mq\_[guo ZleZk  
bkihevah\Zgb\_f kihkh[Z agZdh\ ^\b`\_gby
2. Bkihevamy kijZ\hqgu\_ fZl\_jbZeu lZ[ebp dhghbb d\_Kp  
ZleZk fbjZ ihkljhcl\_ dZj]h]jZnfmg\_ ©dZy kljmdlmjZ wdk  
lhieb\gwg\_j]\_lbp\_lhdZj\ q ijbf\_gyy kihkh[ agZdh\ ^\b`\_gby  
klj\_edb JZajZ[hIZcl\_ jZafqZgmxx rkdZem ^ey]tzhZvaZkihjlg  
hi\_jZpbc gZijbf\_10 000 ±60 000 b [he\_\_
3. Kha^Zcl\_ mkeh\gu\_ h[hagZq\_gby hljZab\ \ gbo  
klj\_ehd bo lbi p\l b ih^ibrbl\_ rjbnl `bjguc gZde  
gZijZ\gghklv jZaf\_jgmxx rdZem iha\heyxsmxd kihj]g\_uo  
hi\_jZpbbkkbb kujv\_\ufb.lGZZ]jZfbgkljm CoreDraw ±mdZaZl\_e  
k\h[h^gZy nhjfZ iZebljZ KFMD ih mfheqZgbx l\_dkl
4. Ih^ibrbl\_ k^\_eZggmx dZjlhko\_fm gmf\_jZpbb\ljh]kmdZ  
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gZijZ\ē\_gghklv



5. Bkihevamy Ze]hjb lf dZj]h]jZnbq\_kdhc jZ[hlu k- ih  
 wg\_j]\_lbq\_kdb\_ lh\Zju<sup>a</sup> b lm`\_ kZfmx klZl bklbq\_kdmx  
 ZgZeh]kqgZj]hko\_fm ih lh]h\e\_ ^j\\_kbg hc

LZ[eb]Z

Lh\ZjgZy b ]\_h]jZnbq\_kdZy kljmdlmjZ wdkihjlZ Jhk<sup>2014</sup> kujv  
 KhklZ\e\_g h\h\_jZevgZy kem`[Z ]hkm^Zjkl\\_gghc klZl bklbdb  
 (<http://www.gks.ru/>).

	2013	2014	<
	Feg ^hee	Feg ^hee	ijhp_gl hl h[s_ h[t_fZ wdkihj kljZgu iZjlg_j
<b>G b ^ _ j e Z g ^ u</b>			
Lhie b \ h f b g _ j Z e v g h _ g _ n l v b i j i _ j _ ] h g d b [ b l m f b g h a g u _ \ _ s _ k l \ f b g _ j Z e v g u _	60763	58579	86,1
G b d _ e v b b a ^ _ e b y b a g _ ] h	3578	3799	5,6
F _ ^ v b b a ^ _ e b y b a g _ _	1675	1947	2,9
: e x f b g b c b b a ^ _ e b y b a g _ ] h	1599	948	1,4
<b>D b l Z c</b>			
Lhie b \ h f b g _ j Z e v g h _ g _ n l v b i j i _ j _ ] h g d b [ b l m f b g h a g u _ \ _ s _ k l \ f b g _ j Z e v g u _	25178	27754	74
> j _ \ _ k b g Z b b a ^ _ e b y b a g _ _ ^ j	2229	2510	6,7
J m ^ u r e Z d b a h e Z	1822	1035	2,8
<b>= _ j f Z g b y</b>			
Lhie b \ h f b g _ j Z e v g h _ g _ n l v b i j i _ j _ ] h g d b [ b l m f b g h a g u _ \ _ s _ k l \ f b g _ j Z e v g u _	31434	30190	81,3
F _ ^ v b b a ^ _ e b y b a g _ _	1155	1055	2,8
<b>B l Z e b y</b>			
Lhie b \ h f b g _ j Z e v g h _ g _ n l v b i j i _ j _ ] h g d b [ b l m f b g h a g u _ \ _ s _ k l \ f b g _ j Z e v g u _	34243	32630	91,3
l j h ^ m d l u g _ h j ] Z g b q _ k d h c o b f b b g _ h j ] Z g b q _ k d b _ b e b h j ] Z g b q _ k d f _ l Z e e h \ j _ ^ d h a _ f _ e v g u o f _ l Z e e j Z ^ b h Z d l b \ g u o w e _ f _ g l h \ b e b b a	808	1005	2,8
<b>L m j p b y</b>			
Lhie b \ h f b g _ j Z e v g h _ g _ n l v b i j i _ j _ ] h g d [ b l m f b g h a g u _ \ _ s _ k l \ Z f b g _ j Z e v g u _	17884	15937	63,9
A e Z d b	886	1328	2
: e x f b g b c b b a ^ _ e b y b a g _ ] h	847	963	1,4
<b>; _ e Z j m k v</b>			
Lhie b \ h f b g _ j Z e v g h _ g _ n l v b i j i _ j _ ] h g d b [ b l m f b g h a g u _ \ _ s _ k l \ f b g _ j Z e v g u _	11900	11775	59

Yihgby			
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:exfbgbc b ba^_eby ba g_]h	696	827	4,2
@_fqm] ijbjh^guc beb dmevlb\bj ^jZ]hp_ggu_ beb ihem^jZ]hp_gg ^jZ]hp_ggu_ f_lZeeu f_lZeeu i ^jZ]hp_ggu_f f_lZeeZfb b ba^_ [b`ml_jby fhg_lu	560	530	2,7
>j_\_kbgZ b ba^_eby ba g__ ^j	480	415	2,1
J_kim[ebdZ Dhj_y			
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:exfbgbc b ba^_eby ba g_]h	394	495	2,7
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DZaZoklZg			
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EZI\by			
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<_ebdh[jblZgby			
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Jm^u reZd b aheZ	32,9	181	1,6
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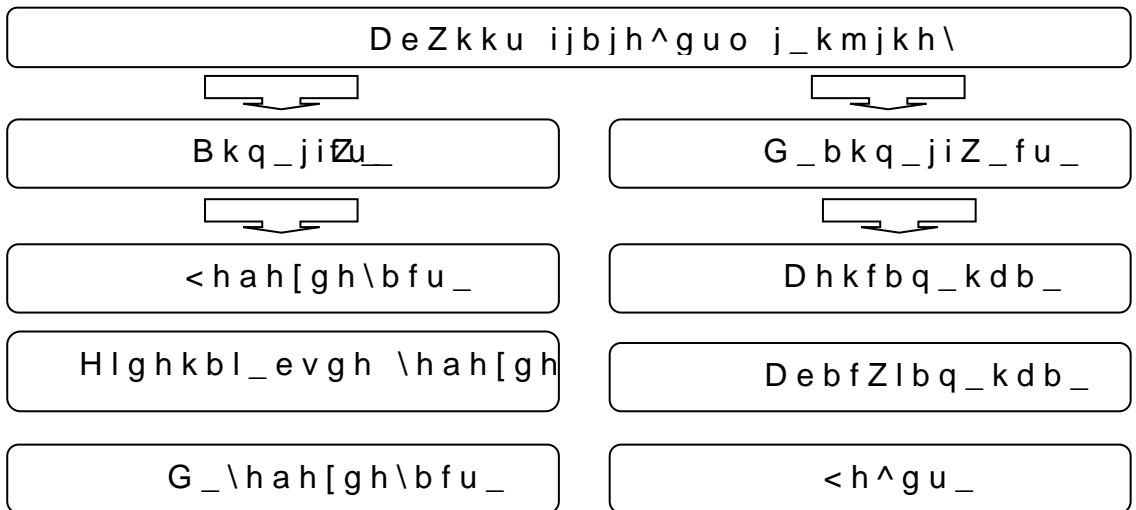
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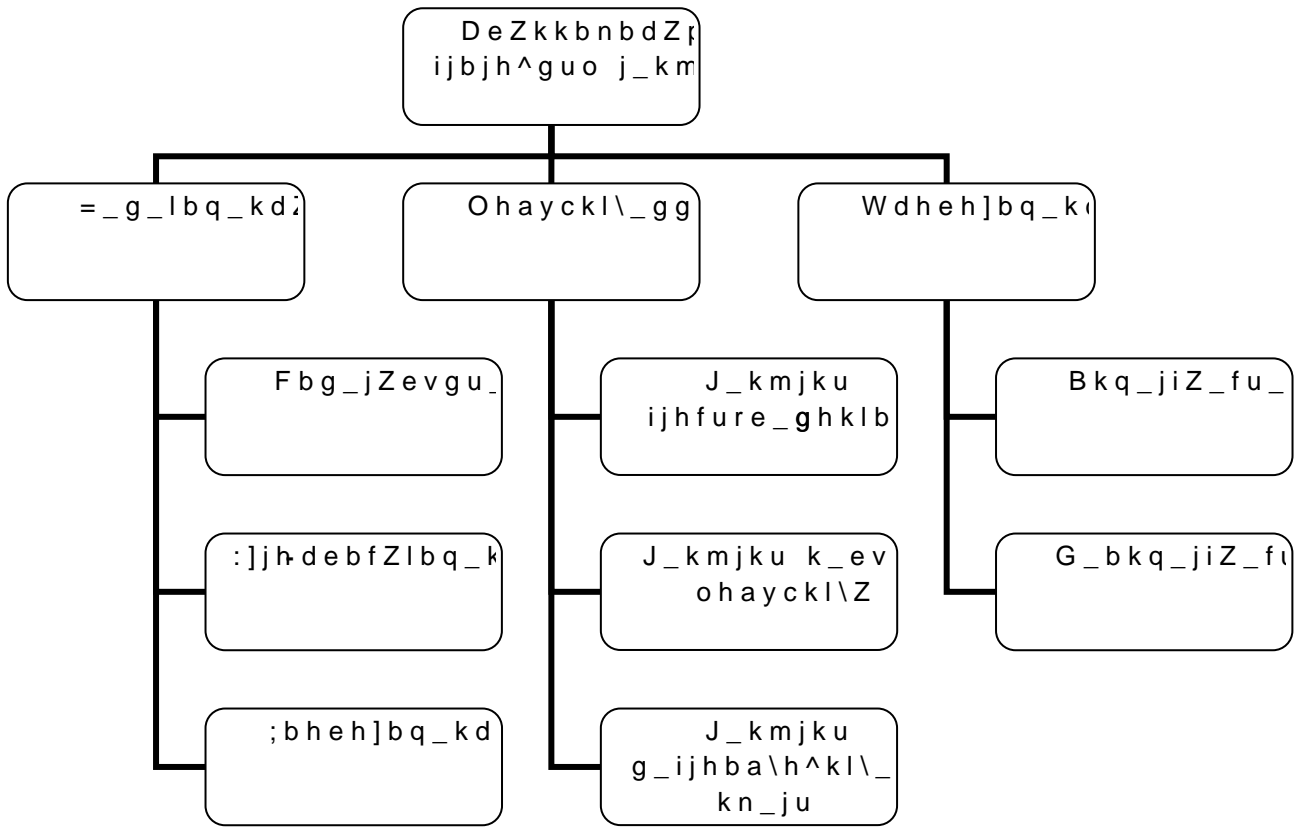
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gZ \hkijhba\h^kl\h e\_kh\ luky^ ijmk]l]hcl\_ ]

• djm]h\mx ^bZ]jZffm hljZ`Zxsmx ^hex \k\_bow dZl]jZ  
bkdmkkl\\_ggh\_ \_kl\_kl\\_ggh\_ dhf[bgbjh\Zggh\_ ih^]hlh  
ijhqb\_ f\_jhijbylby gZ e\_kh\hkkkZgh\e\_gb\_ \ Jhkkbb  
bgl\_j\_kmxsbc ^bZiZahg pbnj b \hkihevamcl\_kv\Zy\_g^b]jZ  
±fZd\_lu ^bZ]jZff^a \uklZ\vl\_ lbi rjbnlZ 7bPH  
ghf\_j rjbnlZ ihem`bjguc

• djm]h\mx ^bZ]jZffm hljZ`Zxsmx ^heb\_n\_^\_jZevguo h\]d]m]m]sbo  
aZl]ZlZo gZ bkdmkkl\\_ggh\_ e\_kh\hkkkZgh\ew]gh]h \u^\_e  
bgl\_j\_kmxsbc ^bZiZahg pbnj b \hkihevamcl\_kv f\_d]m]h\Zy\_k^b]jZ  
±fZd\_lu ^bZ]jZff^a \uklZ\vl\_ lbi rjbnlZ 7bPH  
ghf\_j rjbnlZ ihem`bjguc

• djm]h\mx ^bZ]jZffm hljZ`Zxsmx ^heb\_n\_^\_jZevguo h\]d]m]m]sbo  
bkdmkkl\\_ggh\hkkkZgh\e\_gb\_ \>ey w]h]h \u^\_ebl\_ bgl\_j  
^bZiZahg pbnj b \hkihevamcl\_kv df]m]h\Zy\_k^b]jZ  
^bZ]jZff^a \uklZ\vl\_ lbi rjbnlZ 7LPHV 1H  
rjbnlZ ihem`bjguc hlj\_^Zd]bjmcl\_ ^bZ]jZff^a \uklZ\vl\_ lbi rjbnlZ 7LPHV 1H  
^bZ]jZffu \k\_ agZq\_gby f\_g\_\_ m^Zeb]\_ ba e\_]\_g^u kh  
kljZg m[\_jbl\_ \ughkdb

• djm]h\mx jZaj\_aZggmx ^bZ]jZffm beb djm]h\mx h  
^bZ]jZffm hljZ`Zxsmx ^heb\_n\_^\_jZevguo h\]d]m]m]sbo \ aZl]ZlZo  
\_kl\_kl\\_ggh\hkkkZgh\e\_gb\_ \ ] >ey w]h]h \u^\_e  
^bZiZahg pbnj b \hkihevamcl\_kv df]m]h\Zy\_k^b]jZ  
^bZ]jZff^a \uklZ\vl\_ lbi rjbnlZ 7LPHV 1H  
rjbnlZ ihem`bjguc

• djm]h\mx jZaj\_aZggmx ^bZ]jZffm beb djm]h\mx h  
^bZ]jZffm hljZ`Zxsmx ^heb km[t\_dih\ JN \ l\_d]m]m]sbo  
gZ \_kl\_kl\\_ggh\_ e\_kh\hkkkZgh\e\_gb\_ \ ] >ey w]h]h \u^\_e  
^bZiZahg pbnj b \hkihevamcl\_kv f\_gx ^bZ]jZff^a \uklZ\vl\_ lbi rjbnlZ 7LPHV 1H  
^bZ]jZffu \k\_ agZq\_gby f\_g\_e\_]\_g^u kh  
kljZg m[\_jbl\_ \ughkdb

L\_dmsb\_aZljZlu gZ \hkijhba\h^kl\h e\_kh\ l\_nlyq\_jjz[ev\_gZy k  
 ]hkm^Zjkl\\_gghc kJZkkblbcbhc N\_(http://zpb.eks.ru/).

	Bkdmh \_ggh e_kh\ klZg\ _gb_	?kl_k _ggh e_kh\ klZg\ _gb_	Dhf[bg jh\Zgg e_kh\ Zgh\e_	lh^]hjh dZ e_kgh mqZkl ^ey kha^Zg e_kgu dmevlr	Moh^ e_kZ	ljhq _f_jhi jbylb y ih \hkij hba\ kl\m e_kh
Jhkkby	3 287 169	1 067 369	112 396	874 440	4 075 471	940 575
P_bjZevguc N	865 443	79 285	7 748	211 124	815 986	332 914
:_e]hjh^kdZy h	6 282	0	0	1 891	16 843	0
:jygdZy h[eZk	45 026	106	0	5 095	36 377	596
<eZ^bfbjkdZy	69 524	498	2 511	9 517	53 834	23 884
<hjhg\_`kdZy h	31 856	63	65	8 534	30 710	10 000
B\Zgh\kdZy h[e	28 558	5 618	97	8 766	25 907	27 529
DZem`kdZy h[e	57 632	2 306	130	7 602	24 189	23
DhkljhfkDZy h[	66 136	19 297	3 214	21 062	63 912	4 001
DmjkdZy h[eZk	26 507	114	0	2 294	8 865	4 655
Ebi_pdZy h[eZ	51 668	0	619	1 793	50 697	2 660
Fhkdh\kdZy h[	158 094	7 665	0	63 914	74 671	226 219
Hjeh\kdZy h[eZ	1 921	0	0	235	4 519	459
JyaZgkdZy h[e	49 845	2 729	439	16 132	61 935	14 582
Kfhe_gkdZy h[	35 331	4 525	0	8 042	58 039	6 009
LZf[h\kdZy h[e	15 118	0	0	5 530	23 044	0
L\_jkdZy h[eZk	190 235	34 799	0	42 953	248 791	7 197
LmevkdZy h[eZ	5 431	275	0	494	9 282	868
YjhkeZ\kdZy h	26 280	1 292	675	7 269	24 370	4 234
K\_jAZiZ^gu NH	460 618	147 464	20 885	159 392	677 899	158 091
J DZjy_eb	84 954	13 173	0	30 953	93 515	10 428
J Dhfb	60 209	24 662	3 469	26 831	67 272	68 782
:joZg]_evkdZy h[eZklv	50 879	46 495	2 634	82	136 591	42 785
\ lhf qbke	0	0	0	0	0	0
:joZg]_evkdZy [_a :H	50 879	46 495	2 634	82	136 591	42 785
<heh]h^kdeZyk lh	51 715	19 528	13 140	19 813	154 680	18 834
DZebgbg]jZ^kd h[eZklv	7 951	1 794	315	666	12 146	0
E_gbg]jZ^kdZy h[eZklv	75 309	17 183	897	46 346	115 695	13 256
FmjfZgkdZy h[	9 870	413	0	2 582	8 914	0
Gh\]hjh^kdZy h	94 280	21 589	248	19 842	72 411	0

lkdh\kdZy h[eZ	25 450	2 628	182	12 276	16 675	4 005
X`guc NH	<b>58 081</b>	<b>549</b>	<b>513</b>	<b>14 422</b>	<b>11 130</b>	<b>25 473</b>
J :^u]_y	0	0	0	0	4 037	706
J DZefudby	6 358	0	0	8 066	2 864	15 420
DjZkgh^Zjkdbc	796	475	513	157	811	1 939
:kljZoZgkdZy h	3 178	73	0	458	468	0
<he]h]jZ^kdZy h[eZklv	21 458	0	0	490	1 893	0
Jhklh\kdZy h[e	26 291	0	0	5 251	1 058	7 408
K_\_jh DZ\dZakdbc NH	<b>22 102</b>	<b>1 043</b>	<b>751</b>	<b>7 382</b>	<b>19 665</b>	<b>5 914</b>
J >Z]_klZg	« <sup>1)</sup>	0	« <sup>1)</sup>	« <sup>1)</sup>	« <sup>1)</sup>	0
J Bg]mr_lby	« <sup>1)</sup>	0	« <sup>1)</sup>	« <sup>1)</sup>	« <sup>1)</sup>	0
DZ[Zj^b;g]kdZjZ J	1 565	27	0	120	817	34
DZjZqZQ\hd_kk J	2 651	112	0	220	2 230	0
J K_\_jgZy	2 670	441	721	2 409	4 423	1 002
Q_q_gkdZy J	3 059	464	0	1 280	3 514	708
KlZ\jhihevkdbc	9 737	0	0	1 264	1 969	4 170
						<b>119</b>
ljb\he`kdbc NH	<b>446 759</b>	<b>56 950</b>	<b>13 311</b>	<b>152 474</b>	<b>657 300</b>	<b>228</b>
J ;ZrdhjlhklZg	54 667	737	3 030	15 955	27 171	6 288
J FZjbc We	15 320	1 797	140	4 469	68 555	10 063
J Fhj^h\by	8 435	80	328	1 151	4 699	505
J LZlZjklZg	14 141	469	7	6 102	16 168	12 441
M^fmjlkdZy J	59 622	2 281	1 590	8 452	8 263	678
Qm\ZrkdZy J	2 484	19	209	1 055	3 589	5 038
l_jfkdbc djZc	14 540	13 483	935	17 793	136 162	28 435
Dbjh\kdZy h[eZ	73 989	24 441	759	21 808	188 666	14 131
+b`_]hjh^kdZy h[eZklv	94 160	12 021	5 397	63 823	82 544	1 303
Hj_g[mj]kdZy h	5 813	50	0	2 979	4 449	13 764
l_ga_gkdZy h[	7 607	0	0	387	11 571	1 993
KZfZjkdZy h[eZ	37 875	262	0	1 306	12 303	121
KZjZlh\kdZy h[	18 327	988	916	4 043	20 578	8 661
Mevygh\kdZy h	39 780	324	0	3 153	72 584	15 808
MjZevkdbc NH	<b>346 373</b>	<b>64 546</b>	<b>7 354</b>	<b>56 729</b>	<b>470 738</b>	<b>93 494</b>
Dmj]ZgkdZy h[	57 544	3 326	104	5 158	100 507	19 597
K\_j^eh\kdZy h	44 053	36 286	3 364	34 037	246 714	37 184
Lxf_gkdZy h[eZ	225 557	24 787	3 887	11 993	93 928	30 829
\ lhf qbke						
OZg\hZgkbbkcd :H	126 199	11 283	3 639	5 053	22 352	3 236
YfZe_h_g_pdbc	0	252	0	0	5 464	0
Lxf_gkdZy h[eZ [_a :H	99 358	13 252	248	6 939	66 112	27 593
Q_ey[bgkdZy h	19 219	148	0	5 541	29 589	5 885
Kb[bjkdbc NH	<b>680 895</b>	<b>573 056</b>	<b>60 484</b>	<b>218 584</b>	<b>960 413</b>	<b>107</b>

						<b>598</b>
J_kim[ebdZ :e	6 858	247	0	1 718	4 043	399
J_kim[ebdZ ;m	14 293	9 561	35	460	223 019	4 996
J_kim[ebdZ Lu	4 821	2 263	0	460	2 597	2 508
J_kim[ebdZ OZ	18 122	1 694	0	3 871	19 148	2 289
:elZckdbc djZc	99 929	3 721	1 689	10 234	174 475	0
AZ[ZcdZevkdb	62 309	3 714	0	5 612	2 835	278
DjZkghyjkdbc	39 355	9 318	0	33	5 767	20 129
BjdmkZy h[e	274 299	508 372	57 118	179 850	275 203	64 570
D_f_jh\kdZy h	34 042	6 644	1 598	5 042	33 467	457
Gh\hkb[bjkdZy						
h[eZklv	35 781	2 805	45	2 813	161 449	0
HfkdZy h[eZklv	16 998	2 598	0	2 382	28 370	3 588
LhfkZy h[eZk	74 088	22 119	0	6 108	30 041	8 384
>Zevg_\hklhd						
NH	<b>406 713</b>	<b>144 477</b>	<b>1 279</b>	<b>54 121</b>	<b>443 855</b>	<b>96 863</b>
J_KZoZ_Ydml	0	6 486	0	0	65	0
DZfqZlkdbc djZ	« <sup>1)</sup>	« <sup>1)</sup>	0	« <sup>1)</sup>	« <sup>1)</sup>	« <sup>1)</sup>
ljbfhjkdabc djZ	161 713	15 364	1 279	3 427	355 920	328
OZ[Zjh\kdbc d	167 593	103 229	0	24 355	24 891	85 040
:fmjkdZy h[eZk	28 823	4 800	0	5 962	22 111	3 506
FZ]Z^ZgkdZy h	0	2 296	0	0	0	0
KZoZebgkdZy	37 779	9 650	0	11 077	20 990	3 948
?\j_ckdZy Z\lh						
h[e	« <sup>1)</sup>	« <sup>1)</sup>	0	« <sup>1)</sup>	« <sup>1)</sup>	« <sup>1)</sup>
Djufkdbc NH	<b>186</b>	<b>0</b>	<b>70</b>	<b>213</b>	<b>18 485</b>	<b>1 000</b>
J Djuf	« <sup>1)</sup>	0	« <sup>1)</sup>	« <sup>1)</sup>	« <sup>1)</sup>	« <sup>1)</sup>
]K_\Zklihev	« <sup>1)</sup>	0	« <sup>1)</sup>	« <sup>1)</sup>	« <sup>1)</sup>	« <sup>1)</sup>

AgZd « hagZqZ\_l qh ^Zggu\_ g\_ im[ebdmxky \ p\_eyo h[  
i\_j\hgguo klZlkbq\_kdbo ^Zgguo ihemq\_gguo hl j\_king^  
N\_^\_jZevguf aZdhghf hl -NA ©H[ <hnbpbZevghf klZlkbq\_  
kbbk\_f\_ ]hkm^Zjkl\\_gghc klZlkbdb \ Jhkkbckdhc N\_^\_jZpbb

3. GZ hkgh\Z\kqjgh]h fZI\_jbZeZ kh^\_j`Zs\_]hky \ IZ[ebp  
gZ \hkijhba\h^kl\h e\_kh\ lukyq jm[e\_c ]^a ihkljhcl  
• ]bklh]jZffm hljZ`Zxsmx j\_clbg] \k\_o dZI\_]hjbc  
bkdmkkl\\_ggh\_ \_kl\_kl\\_ggh\_ dhf[bgbjh\Zggh\_aZi^khl  
ijhqb\_ f\_jhijbylby gZ e\_kh\hkkIZgh\e\_gb\_ \ Jhkkbb  
bgl\_j\_kmxsbc ^bZiZahg pbnj b \hkihevamc]b kMh]fjZgkZ ©  
]bklh]jZffZ ijhklZy h[tzfgZy pbebg^jbq\_kdZy dhgbq  
fZd\_lu ^bZ]jZi^bZ]jZff^ \uklZ\vl\_ lbi rjbnlZ 7LPHV  
ghf\_j rjbnlZ ihem`bjguc  
• ]bklh]jZffm hljZ`Zxsmx\_j^\_cjZevgguo hklj\_m]m^sf aZljZl  
gZ moh^ aZ e>eZfbwlh]h \u^\_ebl\_ bgl\_j\_kmxsbc ^b  
\hkihevamcl\_kv f\_gx± [bklh]jZffZ ]bklh]jZffZ ijhklZy h[t  
pbebg^jbq\_kdZy dhgbq\_kdZy fZb]Zb^Z]jZff  
\uklZ\vl\_ lbi rjbnlZ 7LPHVb1ghZ\_5RrPDrQZ ihem`bjguc  
• ]bklh]jZffu hljZ`Zxsb\_km[clbg]h\ eN^\_j(h) b j\_clbg]  
km[t\_dlh\ ZMlkZc^\_jh\ l\_dmi\$bf aZljZIZf gZ moh^eyaZvl^k  
\u^\_ebl\_ bgl\_j\_kmxsbc ^bZiZahg pbnj b \hkihevamc

]bklh]jZffZ ]bklh]jZffZ ijhklZy h[tzfgZy pbebg^jBq\_k  
 ibjZfb^ZevgZdlu ^bZ]jZff^ \uklZ\vl\_ lbi rjb  
 New Roman) b ghf\_j rjbnlZ ihem`bjguc

- ebg\_cqZlmx ^bZ]jZffm hljZ`Zxsm^\_jZevgud hdjm]  
 l\_dmsbf aZljZlZf gZ ih^]hlh\dm e\_kgh]h mqZklDZ ^ey kl  
 wlh]h ^\uebl\_ bgl\_j\_kmxsbc ^bZiZahg pbnj b \hkihevam  
 ebg\_cqZlZy ^bZ]jZffZ qZlZy ^bZ]jZffZ ijhklZy h[tzfgZy  
 dhgbq\_kdZy ibjZfb^ZevgZdlu ^bZ]jZff^ \uklZ\vl\_ lbi rjb  
 rjbnlZ 7LPHV 1HZ 5RPDQ ihem`bjguc

- ebg\_cqZlu\_ ^bZ]jZffu hljZ`Zksm^\_jZevgud ^\_jh\  
 j\_clbkm[t\_dlh\Zm^kZc^\_jh\l\_dmsbf aZljZlZf gZ ih^]hlh\  
 mqZklDZ ^ey kha^Zgby e\_leguwl^\_lhm^\_ebl\_ bgl\_j\_kmx  
 pbnj b \hkihevamcl\_kv f\_gxe@\_kdZdZy ^bZ]jZffZ cZqZlZ  
 ^bZ]jZffZ ijhklZy h[tzfgZy pbebg^jBq\_kdZy dhgbq\_kd  
 ^bZ]jZff^ \uklZ\vl\_ lbi rjbnlZ 7LPHV 1HZ  
 rjbnlZ ihem`bjguc

4. GZ hkgh\\_ kijZ\hqgh]h fZl\_jbZeZ kh^\_j`Zs\_]hky \ lZ

- ]jZnbd hljZ`Zxsb^bgZfbdgngZlk\_e\_gbykbbckdh  
 N\_^\_jZpbbey wlhc hi\_jZpbb \u^\_ebl\_ bgl\_j\_kmxsbc  
 \hkihevamcl\_kv f\_gxe@\_kdZdZy fZjd^\_jZfb^lu ^bZ]jZff^  
 ^bZ]jZff^ >ey lh]h qlh[u ihy\behkv gZa\Zgb\_]hjbahg  
 ]h^u g\_h[oh^bfh \hkihevah\Zlvky dhgl\_dklgu^ih^gk^\  
 ]hjbahglZevgh^\_bZiZahg ih^ibk^\_u^\_h^\_blv ]h^u \ lZ[  
 ihdhlhjc kljhbeb ]jZnbd ^\_jhd^ >ey lh]h qlh[u e\_]\_g^Z  
 [ueZ kh^\_j`Zl\_evghc gZ^h \hkihevah\Zlvky dhgl\_dklgu^  
 we\_f\_glu e\_]\_g^\_jy^\_u^\_eblv \ lZ[ebp\_ ih dhlhjc klj  
 gZa\Zgb\_ y\_k\_c]h^k^\_bhd < aZ\\_jr\_gbb jZ[hlu k ]jZnbd  
 lbi rjbnlZ 7LPHV 1HZ 5RPDQ b ghf\_j rjbnlZ ihem`

- ]jZnbd hljZ`Zxsb^bgZfbdgngZlk\_e\_gbydZ`^hf  
 n\_^\_jZevghf hdjm]\_ Jh^k^\_bwlhc hi\_jZpbb \u^\_ebb\_ b  
 ^bZiZahgu pbnj b \hkihevamcl^\_kjZfb^gk^\_Zjld^\_jZfb^lu  
 ^bZ]jZff^ \uklZ\vl\_ lbi rjbnlZ 7LPHV 1HZ 5RPDQ  
 ^bZ]jZff^ >ey lh]h qlh[u ihy\behkv gZa\Zg  
 gZ ]jZnbd\_ ]h^u g\_h[oh^bfh \hkihevah\Zlvky dhgl\_dkl  
 ^\_ih^ibkb^\_h^\_blv ]h^u \ lZ[ebp\_ ih dhlhjc kljhbe,  
 ]jZnbd ^\_jhd^ >ey lh]h qlh[u e\_]\_g^Z  
 gZ ]jZnbd\_ [ueZ kh^\_j`Zl\_evghc gZ^h \hkihevah\Zlvky  
 ^Zgg^we\_f\_glu e\_]\_jy^\_u^\_eblv \ lZ[ebp\_ ih dhlhjc  
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 ih dhlhjc kljhbeb ]jZnbd gZa\Zgb^\_jZevgh]h^\_jhd^ jy^\_u^\_eblv \ lZ[el  
 dhlhjc kljhbeb ]jZnbd gZa\Zgb^\_jZevgh]h^\_jhd^ jy^\_u^\_eblv \ lZ[el  
 k ]jZnbdhf \uklZ\vl\_ lbi rjbnlZ 7LPHV 1HZ 5RPDQ  
 ihem`bjguc

- ]jZnbd hljZ`Zxsb^bgZfbdgngZlk\_e\_gby Kfhe\_gkdhc  
 ih \u[hjm klm^\_glZ <uihegbl\_ khhl\\_lkm^\_jZ^\_l^\_Zdlh  
 LZ[ebp^Z

>bgZfbdgngZlk\_e\_gbykbbckdhc N\_^\_jZpbbey [N\_^\_jZevgZ  
 kem`[Z ]hkm^Zjkl\\_ggh^kklZlk^\_kbbckdhcN\_(http://zpv.bks.ru/)

	2 005	2 010	2 011	2 012	2 013	2 014
JhkkbckdZy N_^_j	143 236	142 865	143 056	143 347	143 667	146 267
P_gljZevguc NH	38 109	38 445	38 538	38 679	38 820	38 951
;_e]hjh^kdZy h[eZ	1512	1532	1536	1541	1544	1548

;jygdZy h[eZklv	1 327	1 275	1 264	1 254	1 242	1 233
<eZ^bfbjkdZy h[eZ	1 486	1 441	1 432	1 422	1 413	1 406
<hjhg_`kdZy h[eZk	2 361	2 335	2 332	2 330	2 329	2 331
B\Zgh\kdZy h[eZkl	1 102	1 060	1 054	1 049	1 043	1 037
DZem`kdZy h[eZkl	1 023	1 009	1 008	1 006	1 005	1 011
DhkljhfkDZy h[eZk	700	666	662	659	656	654
DmjkdZy h[eZklv	1 178	1 126	1 122	1 119	1 119	1 117
Ebi_pdZy h[eZklv	1 194	1 172	1 166	1 162	1 160	1 158
Fhkdh\kdZy h[eZk	6 784	7 106	7 199	7 048	7 134	7 231
Hjeh\kdZy h[eZklv	822	786	781	776	770	765
JyaZgkdZy h[eZklv	1 189	1 152	1 148	1 144	1 141	1 135
Kfhe_gkdZy h[eZk	1 025	983	981	975	968	965
LZf[h\kdZy h[eZklv	1 139	1 090	1 082	1 076	1 069	1 062
L\_jkdZy h[eZklv	1 415	1 350	1 342	1 334	1 325	1 315
LmevkdZy h[eZklv	1 615	1 550	1 545	1 532	1 522	1 514
YjhkeZ\kdZy h[eZk	1 313	1 271	1 271	1 272	1 272	1 272
] FhkD\Z	10 924	11 541	11 613	11 980	12 108	12 197
K\_\_jAZiZ^guc N	<b>13 716</b>	<b>13 626</b>	<b>13 660</b>	<b>13 717</b>	<b>13 801</b>	<b>13 844</b>
J_kim[ebdZ DZj_e	676	643	640	637	634	633
J_kim[ebdZ Dhfb	963	899	890	880	872	864
:joZg]_evkdZy h[e	1 282	1 225	1 213	1 202	1 192	1 183
\ lhf qbke_						
G_g_pdbc Z\lhgh hdjm]	42	42	42	43	43	43
:joZg]_evkdZy h[ [_a Z\lhghfgh]h hc	1 240	1 183	1 171	1 159	1 149	1 140
<heh]h^kdZy h[eZ	1 235	1 201	1 198	1 196	1 193	1 191
DZebgbg]jZ^kdZy	936	942	947	955	963	969
E_gbg]jZ^kdZy h[e	1 685	1 719	1 734	1 751	1 764	1 776
FmjfZgkdZy h[eZk	839	794	788	780	771	766
Gh\]hjh^kdZy h[eZ	666	633	630	626	623	619

Q_q_gkdZy J_kim[	1 152	1 275	1 302	1 325	1 346	1 370
KlZ\jhihevkdabc djZ	2 747	2 786	2 787	2 791	2 794	2 799
ljb\he`kdbc NH	<b>30 453</b>	<b>29 880</b>	<b>29 811</b>	<b>29 772</b>	<b>29 739</b>	<b>29 715</b>
J_kim[ebdZ ;Zrdhj	4 066	4 072	4 064	4 061	4 070	4 072
J_kim[ebdZ FZjbc	713	695	692	690	688	687
J_kim[ebdZ Fhj^h\	865	834	825	819	812	809
J_kim[ebdZ LZlZjk	3 762	3 787	3 803	3 822	3 838	3 855
M^fmjlkdZy J_kim[	1 546	1 520	1 518	1 518	1 517	1 518
Qm\ZrkdZy J_kim[	1 279	1 251	1 247	1 244	1 240	1 238
l_jfkdbc djZc	2 719	2 634	2 631	2 634	2 636	2 637
Dbjh\kdZy h[eZklv	1 419	1 339	1 328	1 319	1 311	1 304
Gb`_]hjh^kdZy h[e	3 414	3 308	3 297	3 290	3 281	3 270
Hj_g[mj]kdZy h[eZ	2 093	2 032	2 024	2 016	2 009	2 001
l_ga_gkdZy h[eZk	1 420	1 384	1 377	1 369	1 361	1 356
KZfZjkdZy h[eZklv	3 226	3 215	3 214	3 213	3 211	3 213
KZjZlh\kdZy h[eZk	2 591	2 519	2 509	2 503	2 497	2 493
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MjZevkdbc NH	<b>12 129</b>	<b>12 087</b>	<b>12 143</b>	<b>12 198</b>	<b>12 234</b>	<b>12 276</b>
Dmj]ZgkdZy h[eZk	962	909	896	886	877	870
K\_j^eh\kdZy h[eZ	4 356	4 297	4 307	4 316	4 321	4 327
Lxf_gkZy h[eZklv	3 294	3 405	3 460	3 511	3 546	3 581
\ lhf qbke_						
OZg Egkbcckdbc Z\lhghfguc h[dj]mZ	1 468	1 537	1 561	1 584	1 597	1 612
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Kb[bjkdbc NH	<b>19 495</b>	<b>19 252</b>	<b>19 261</b>	<b>19 278</b>	<b>19 292</b>	<b>19 312</b>
J_kim[ebdZ :elZc	202	207	209	210	211	214
J_kim[ebdZ ;mjylb	967	972	971	972	974	978
J_kim[ebdZ Lu\Z	303	308	309	310	312	314
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DjZkghyjkdbc djZc	2 869	2 829	2 838	2 847	2 853	2 859
BjdmlkdZy h[eZklv	2 492	2 428	2 424	2 422	2 418	2 415
D_f_jh\kdZy h[eZk	2 806	2 761	2 751	2 742	2 734	2 725
Gh\hkb[bjkdZy h[e	2 655	2 666	2 687	2 710	2 731	2 747
HfkdZy h[eZklv	2 016	1 977	1 975	1 974	1 974	1 978
LhfkdZy h[eZklv	1 024	1 049	1 058	1 064	1 070	1 074
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J_kim[ebdZ KZoZ	954	958	956	956	955	957
DZfqZlkdbc djZc	337	322	320	320	320	317
ljbfbhjkdbc djZc	2 007	1 953	1 951	1 947	1 938	1 933
OZ[Zjh\kdbc djZc	1 376	1 343	1 342	1 342	1 340	1 338
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KZoZebgkdZy h[eZ	521	497	495	494	491	488
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QmdhIkdbc Z\lhgh hdjm]	52	51	51	51	51	51
Djufkdbc NH						2 295
J_kim [eZb Djuf						1 896
] K_\Zklhihev						399

5. <kIZ\vl\_ \ jZ[hqmx l\_ljZ^v ihkljh\_ggu\_ ^bZ]jZffu b ]j  
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bgl\_j\ZeZfb k gZjZklZgb\_f bgl\_j\Zeh\ ih jZaju\Zf jy^Z j  
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AZ^Zgby  
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3. Bkihevamy kijZ\hqguo\_ fZI\_jbZeh\ kh^\_j`Zsboky dZjlm @  
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klmi\_g\_c GZijb±20±40 ±60 ±80 ± DZ`^hfm bgl\_j\Zem ij  
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]hjhZ							
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<ya_fkdbc	63	38	34	26	34	51	52
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DjZkgbgkdbc	53	-	-	-	44	43	42
FhgZklujsbgkdbc	82	32	«	«	«	49	«
Gh\h^m]bgkdbc	-	-	«	«	«	33	-
lhqbgdh\kdbc	70	52	0,2	-	-	-	-
JhkeZ\evkdbc	95	91	81	72	25	27	34
Jm^gygkdbc	83	3	2	2	2	5	5
KZnhgh\kdbc	18	10	3	2	6	4	6
Kfhe_gkdbc	32	58	68	78	71	63	73
Kuq_\kdbc	48	17	26	23	23	19	4
L_fdbgkdbc	63	74	«	«	«	«	-
M]jZgkdbc	27	33	21	29	«	«	27
ObkeZ\bqkdbc	6	9	13	29	30	21	24
Oh@bjdh\kdbc	43	0	2	1	1	-	3
Rmfyqkdbc	10	6	3	14	11	11	11
Yjp_\kdbc	50	24	53	55	59	54	55

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- 80%), jZchgu Kfhe\_gkdhc h[eZklb k hq\_gv \ukhdhc ^  
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jZngu					
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DZj^ufh\kdbc	88,8	94	115	109,7	141,1
DjZkgbgkdbc	92,6	94,7	141	122,8	143,5
FhgZklujsbgkdbc	89,8	97,4	125,4	115,1	137,6
Gh\h^m]bgkdbc	89,1	93,6	118,6	105,5	122,9
lhqbgdh\kdbc	88,6	95,5	119,3	106,6	126,4
JhkeZ\evkdbc	92,2	94,4	120,6	106,3	125,6

Jm^gygkdbc	89,2	96	135,9	113	126,8
KZnhgh\kdbc	96,3	93,5	157	128,5	119,3
Kfhe_gkdbc	104,6	104,5	136	116,2	148,2
Kuq_\kdbc	87,6	94,3	117,6	104,4	124,5
L_fdbgkdbc	147	124,5	117,1	105,5	121,1
M]jZgkdbc	87,1	89,7	167,2	135,3	126,4
ObkeZ\bqkdbc	90,7	94,8	126	107,8	125,1
Ohef@bjdh\kdbc	88,7	94,1	119,3	105,6	125
Rmfyqkdbc	89,3	94,3	118,7	117,2	127,8
Yjp_\kdbc	116,4	111,9	165,4	132,2	136,8

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4. RdZeu jZaf\_jghklb Z[khexlgZy g\_ij\_ju\gZy mke  
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5. G\_^hklZldb bkihevah\Zgby dZjlh^bZ]jZff  
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3. GZ hkgh\\_ kijZ\hqjghZehfZkh^\_j`Zs\_]hky17\ ^Zl^ZkZo  
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klmi\_gqZlmx jZaf\_jgm\_xg\_rdzem±200, 400 ±500, 2000 - 3000, 5000 ±  
6000, 7000 ±8000, 10000 ± b [he\_-qlh]gcvr\_ ihdZaZl\_fev  
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 b [he  
 lhgg\_ q\_f [hevr\_ ihdZaZI\_ev l\_f [hevr\_ iehsZ^v \u[jZg  
 nb]mju\_djm] d\Z^jZI l\_j\_m]hev gbd b ^j >ey \uiheg\_g  
 k\_^bgbpZfb ba~~f~~^~~x~~c~~g~~bykljhdZ ~~f~~\\_~~g~~^k\_ldZ HgZ ihfh`\_l\_jj  
 ijb\_fgylv \u[jZggmx jZaf\_jgmx rdZem G\_ aZ[m^vl\_ ih^i  
 g\_z mkeh\gu\_ h[hagZq\_gby jZaZ[hjgmxg krljz ©CgdDaw ±  
 mdZaZI\_ev iyyfhm]hev gbd KFMD ih mfheqZgbx l\_dkl  
 LZ[ebp7Z

MeZ\eb\Zgb\_ b h[\_a\j\_`b\Zgb\_ aZ]jyagyxsbo Zlfhkn\_jm \\_  
 klZpbhgZjguo bklhqgb~~s~~klhp bZg~~g~~gh hfbq\_kdb\_ ihdZaZI\_ev jZa  
 b jZchg\ Kfhe\_gkdhc h[eZklb gkd~~kl~~ k[ ±Kfke@

	1995	2005	2009	2010	2011	2012	2013
% FH]R iR R[e	290848	146478	84141	112214	91361	88671	102409

lhfqbke\_  
 ]hjhZ

YSpH\Fdbc	828	198	3925	3178	2330	2346	2485
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5. GZ hkgh\\_ kijZ\hqgh]h fZI\\_jbZeZ kh^\_j8`Zsk\_h]klZy\vdZj]hko\_fm ©lehsZ^v hqZ]h\ \j\\_^guo hj]Zgbafh\ lj\_[mxsdhg\_p hlq\_lgh]h ]h^Z ]\_dlZjh\ ih n\\_^\_jZevguf hdjm]Z kihkh[ khklZ\ghc dZj]h^bZ]jZffu DZ`^Zy ba lj\_o ]jmi hljZ`Z\\_kbyg\_cghc ^bZ]jZffhc jZagh]h p\\_lZ b jZaf\_sZ\\_lk gZ h^ghf hkgh\Zgbb jZaf\_jgZy rdZeZ ^he`gZ [ulv h^ \j\\_^guo hj]Zgbafh\

LZ[eb]8Z

lehsZ^v hqZ]h\ \j\\_^guo hj]Zgbafh\ lj\_[mxsbo f\_j [h]v[ulq\_lgh]h^Z ]\_dlZjh\ ih n\\_^\_jZevguf hdjm]Zkh\N\`e\_gh ]>N\\_^\_jZevgZy kem`[Z ]hkm^Zjkl\\_gghc klZibklbdb  
(<http://www.gks.ru/>)

	H[sZy iehsZ^v hqZ]h\ lj_[mxsbo f_j [h]v[ul gZ dhg_ hlq_lgh]h	\ lhf qbke_ ih ]jmiiZf \j_ hj]Zgbafh\ o\h_]ju msb_ \k_]h			ebklh]jua b=\k_]h	bgu_ ]jmi \j\_^guo hj]Zgbafh
Kb[bjkdbc NH	1 201 781	278 348	838 989	84 444		
lj\b\he`kdbc NH	279 402	14 084	133 623	131 695		
MjZevkdbc NH	278 222	8 294	259 301	10 627		
P_gljZevguc NH	133 830	11 441	0	122 389		
X`guc NH	89 505	16 606	5 270	67 629		
K\_\_jAZiZ^guc N	48 502	409	56	48 037		
>Zevg\_hklhqgu	6 387	0	0	6 387		
K\_\_jDZ\dZakdb	6 236	0	4 225	2 011		
Djufkdbc NH	1 713	0	0	1 713		

6. GZ hkgh\\_ kijZ\hqgh]h fZI\\_jbZeZ Zk[he`b\_pj`Zs\_]hklhklZ  
dZj]hko\_fm ©lh]heh\v\_ kdhlZ \ ohayckl\Zo \k\_o dZI\_]hj  
h[eZklb ]^a bkihevamy kihkh[ kljmdlmjghc iehsZ^gh  
ijhoh^bl \ ^\Z wlZiZ

• <hi\_j\uo g\_h[oh^bfh khklZ\blv iehsZ^gmx]jZffjm]  
hljZ`Zxsmx h[s\_\_ ih]heh\v\_ kdhlZ ih jZchgZf Kfhe\_gk  
g\_h[oh^bfh jZajZ[h]Zlv mkeh\gmx klmi\_gqZlmx jZaf\_jg  
20-30- luk ]heh\ f [hevr\_ ih]heh\v\_ kdhlZ \ jZchg\_ l\_f  
^bZ]jZffu ^ZhgZchgZ >ey \uiheg\_gby aZ^Zgby mklZgh\  
baf\_j\_gbyxcf kljhdZ f\\_g^k\_ldZ HgZ ihfh`\_l ]jZfhgh  
\u[jZggmx jZaf\_jgmx rdZem

• <h\lhjuo g\_h[oh^bfh \uy\blv kljmdlmjm ih]heh\v y k  
>ey wlh]h \Merobof Excel kljhblkljklZy djm]h\Zy ^bZ]jZffZ h  
kljmdlmjm ih]heh\v y \ dZ`^hf hl^\_evghf b jZchg\_ Kfhe\_g  
gZ hl^\_evguc ebkl b khojZgPDFkYAZlnhjZlgZ^h bfihjlbjh  
©djb\mx^a \ nZce kljhyus\_kkyhflZsvx bgkljmf\_glZ weebik k  
iheghklvx ih\lhjyxsbc nhjfm b jZaf\_j djm]h\hc ^bZ]jZffu  
^bZ]jZffu b \u^\_ebi\_ kgZqZeZ djm] Z aZl\_f ^bZ]jZffm  
iZg\_eb k\hckl\ \u[\_jbl\_ ©i\_j\_k\_q\_gZ]jZffmujMfvlgvr^bd\_  
gm`gh]h jZaf\_jZ \ khhl\\_lkl\b\_ kh rdZehc jZaf\_jghklb b

dhgdj\_lgh]h jZchgZ jZaf\_klb\ \_z \ p\_glj\_ ljh^\_eZcl\_  
jZchgZ Kfhe\_gkdhc h[eZklb  
• G\_ aZ[m^vl\_ ih^ibkZlv dZjlm b mgkZegh\kglb\_ ghZ[hg gZ  
jZaf\_jgmx rdZem p\ \_l k\_dlhjh\ djm]h\hc ^bZ]jZffu h  
GZ[hj bgkljm CongDraw ±mdZaZI\_ev weebik iZebljZ KFMD  
l\_dkl

LZ[eb p9Z  
lh]heh\v\_ kdhlZ \ ohayckl\Zo \k\_o dZI\_]hjbc idh hjZecZhglZf Kfh  
>KhpBZ\_ewdghg hfbq\_kdb\_ ihdZaZI\_eb jZa\blby ]jh^h\ b jZchg  
Kfhe\_gkd NK=K ih Kfhe\_gkd]c h[eZklb

	Djmiguc jh]Zluc kd luk ]heh	K\bgvb l ]heh\	H\pu b dhau lu ]heh\	<k_]h l ]heh\
<k_]h i e Zhklb	136,9	84,1	32,9	253,9
lhfbke_				
] Kfhe_gkd	0,2	4,7	0,6	5,5
jZhg				
Kfhe_gkdbc	13,5	22,3	1,9	37,7
lhqbgdh\kdbc	12	16,1	1,5	29,6
<ya_fkdbc	4,4	18,4	2,3	25,1
JhkeZ\evkdbc	9,5	4,2	1,8	15,5
FhgZklujsbgkdb	9,9	2,6	1	13,5
KZnhgkdbc	9,7	1	1,8	12,5
=Z]Zjbgkdbc	8,7	0,8	2,5	12
Jm^gygkdbc	7,2	1,3	1,4	9,9
ObkeZ\bqkdbc	6,8	1,6	1,1	9,5
Kuq_\kdbc	6,9	0,8	1,3	9
Gh\h^m]bgkdbc	5,6	0,6	2,3	8,5
DjZkgbgkdbc	4,4	1	1,5	6,9
Rmfyqkdbc	4,9	1,5	0,3	6,7
<_eb`kdbc	5,2	0,5	0,7	6,4
Yjp_\kdbc	4,7	0,4	1,2	6,3
>_fb^h\kdbc	3,5	0,8	1,6	5,9
?evgbgkdbc	2,8	1,4	1,2	5,4
Oh e f @ b j d h \ k d b c	3,7	0,5	0,9	5,1
>hjh]h[m`kdbc	3,2	0,3	0,7	4,2
M]jZgkdbc	1,5	0,7	1,7	3,9
>moh\sbgkdbc	2,1	0,7	1	3,8
DZj^ufh\kdbc	2,2	0,4	0,7	3,3
?jrbgkdbc	1,6	0,8	0,3	2,7
=ebgdhdbc	1,7	0,5	0,4	2,6
L_fdbgkdbc	1	0,2	1,2	2,4

Djbl\_jbb \uklZ\e\_gby hp\_ghd  
Hp\_gdZ -©g^Zebqb\_ ijZ\bevgh \uiheg\_gguo ebg\_cghe ieh  
dZjh^bZ]jZff gZ hkgh\ \_ ijZ\bevghc h[jZ[hldb dhebq\_  
kh^\_j`Zsboky \ aZ^Zgbb







Dhfi_l_gpby	WIZiu nhjfbjh\Zg k_f_klj	>bkpbiebgu ijZdlbdb GBJ	Djbl_jbb	lhdZaZl_eb ih mjh\gyf
<p>&lt;eZ^_gb_ ag h[ hkgf a_fe\_^_gby debZlheh]bb ]b^jheh]bb eZg^rZnh\_^ khpZevgh wdhghfbq_kd ]_h]jZnbb dZjlh]jZnbb ID±14)</p>	<p>6</p>	<p>; &lt;&gt; 9.1. BgnhjfZpbhgg l_ogheh]bb wdheh]bq_kdh dZjlh]jZnbjh\Z</p>	<p>AgZgb_\uc agZlv</p>	<p>AZql_gh agZ_l nmg^Zf_glZevgu_ a_fe\_^_gby debfZlheh]bb eZg^rZnh\_^_gby -wdheh]bq_kdh ]_h]jZnbb b dZjlh]jZnbb g_h[ohel klZlkbq_kdhc ]jZnbq_kdhc b h[jZ[hldb bgnhjfZpb b ZgZebaZ wdheh]bq_kdbo ^Zgguo k ihfhs kj_^kl\ G_ aZql_gg agZnmg^Zf_glZevgu_ a_fe\_^_gby debfZlheh]bb eZg^rZnh\_^_gby pbZevghhghfbq ]_h]jZnbb b dZjlh]jZnbb \ h[tzf_ klZlkbq_kdhc ]jZnbq_kdhc b h[jZ[hldb bgnhjfZpb b ZgZebaZ wdheh]bq_kdbo ^Zgguo k ihfhs kj_^kl\ AZql_ggmf_ijbf_gylv dZjlh]jZnbq_kd f_lh^ dZjlh]jZnbq_kdh]h fh^_ wdheh]bq_kdbo bkke_^h\Zgby bgnhjfZpbhggu_ l_ogheh]bb fh` bgnhjfZpbhggu_ l_ogheh]bb b f_ ZgZebaZ b kbg_l_aZ ]_h]jZnbbkd ijh\_gby wdheh]bq_kdbo bkke_^h \eZ^_l dZjlh]jZnbq_kdbf f_lh` dZjlh]jZnbq_kdh]h fh^_ebjh\Zgby bo \ wdheh]bq_kdbo bkke_^h\ bgnhjfZpbhggu_ l_ogheh]bb  G_ aZql_ggmf_ijbf_gylv dZjlh]jZnbb f_lh^ b f_lh^ dZjlh]jZnbq_kdh]h</p>
			<p>&gt;_yl_evghkl mf_lv \eZ^</p>	<p>AZql_ggmf_ijbf_gylv dZjlh]jZnbq_kd f_lh^ dZjlh]jZnbq_kdh]h fh^_ wdheh]bq_kdbo bkke_^h\Zgby bgnhjfZpbhggu_ l_ogheh]bb fh` bgnhjfZpbhggu_ l_ogheh]bb b f_ ZgZebaZ b kbg_l_aZ ]_h]jZnbbkd ijh\_gby wdheh]bq_kdbo bkke_^h \eZ^_l dZjlh]jZnbq_kdbf f_lh` dZjlh]jZnbq_kdh]h fh^_ebjh\Zgby bo \ wdheh]bq_kdbo bkke_^h\ bgnhjfZpbhggu_ l_ogheh]bb  G_ aZql_ggmf_ijbf_gylv dZjlh]jZnbb f_lh^ b f_lh^ dZjlh]jZnbq_kdh]h</p>

				<p>wdheh]bq_kdbo bkke_^h\Zgby  bgnhjfZpbhgg_u_l_ogheh]bb g_f  bgnhjfZpbhgg_u_l_ogheh]bb b_f_  ZgZebaZ b kbg_l_aZ ]_h]jZnbq_kd  ijh\_^_gby wdheh]bq_kdbo  g_ \eZ^_l dZj]h]jZnbq_kdbf f  dZj]h]jZnbq_kdh]h fh^_ebjh\Zgby  ijbf_gylv bo \ wdheh]bq_kdbo  bkihevamy bgnhjfZpbhgg_u_l_oghe</p>
<p>&lt;eZ^_gb_ ag  \_ h[eZklb h  j_kmjkh\_^_g  j_]bhgZehvgh]  ijbjh^hihevah  dZj]h]jZnbb  ID±16)</p>	6	<p>; &lt; &gt;1.  BgnhjfZpbhgg_u  l_ogheh]bb  wdheh]bq_kdh  dZj]h]jZnbjh\Z</p>	<p>AgZgb_\uc  agZlv</p>	<p>AZql_gahgZ_nlmg^Zf_gIzevgu_ hZa^]  j_kmjkh\_^_gby j_]bhgZevgh]h ijt  dZj]h]jZnbb h[tzf g_h[oh^bfhf  kIZlkbq_kdhc ]jZnbq_kdhc b  h[jZ[hldb bgnhjfZpbh b ZgZebaZ  wdheh]bq_kdbo ^Zgguo k ihfhs  kj_^kl\  G_ aZql_gah agZ_nlmg^Zf_gIzevgu_  h[s_]h j_kmjkh\_^_gby j  ijbjh^hihevah\Zgby b dZj]h]jZnbb  g_h[oh^bfhf ^ey kIZlkbq_kdhc  dZj]h]jZnbq_kdhc h[jZ[hldb bgnhj  ]_h]jZnbq_kdbo wdheh]bq_kdbo  l_ogbq_kdbo kj_^kl\  </p>

			<pre>&gt;_yl_evghkl mf_lv \eZ^</pre>	<pre>AZql_gmf_ijbf_gylv dZjlh]jZnbq_kd f_lh^ dZjlh]jZnbq_kdh]h fh^_ wdheh]bq_kdbo bkke_^h\Zgby bgnhjfZpbhgg_u_l_ogheh]bb fh` bgnhjfZpbhgg_u_l_ogheh]bb b f_ ZgZebaZ b kbg_l_aZ ]_h]jZnbq_kd ijh\_gby wdheh]bq_kdbo bkke_^h \eZ^_bgnhjfZpbhggufb_l_ogheh]by h[jZ[hldb ZgZebaZ b kbg_l_aZ wdheh]bq_kdhc bgnhjfZpbb ^e wdheh]bq_kdbo bkke_^h\Zgbc m gZoh^blv ]_h]jZnbq_kdb_ wdheh]bq_kdb kh^_j`Zsb_ky \ Bgl_kmj_kZo  G_ aZql_gmf_ijbf_gylv dZjlh]jZn f_lh^ b f_lh^ dZjlh]jZnbq_kdh]h wdheh]bq_kdbo bkke_^h\Zgby bgnhjfZpbhgg_u_l_ogheh]bb g_ f bgnhjfZpbhgg_u_l_ogheh]bb h[jZ[ ZgZebaZ b kbg_l_aZ ]_h]jZnbq_kd ijh\_gby wdheh]bq_kdbo bkke_^h g_ \eZ^_l bgnhjfZpbhggufb_l_og f_lh^Zfb h[jZ[hldb ZgZebaZ ]_h]jZnbq_kdhc wdheh]bq_kdhc ijh\_^_gby wdheh]bq_kdboZgbc kZfhklhyl_evgh gZoh^blv wdheh]bq_kdb_ [Zau ^Zgguo Bgl_jgj_lkmjkZo</pre>
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L\_dmsbc dhgljhpv\_gdZ aZ dZ`^h\_ ijZdlbq\_kdh\_ b ijh\kh^\_j`Zs\_\_ky \ eZ[hjZlghjguyoo gZ hkgh\\_ h[hagZq\_gguo \ djbI\_jb\_\

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1) ljh\\_jhqgu\_ aZ^Zgby

ljh\\_jhqgu\_ aZ^Zgby\_  
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1. Bkihevamy [Zam ^Zgguo ih km[t\_dIZf Jhkkbckdh we\_dljhgmx dhglmjgm dZjlm @: jfbhgheZhb\ghe\_gb\_ JhgZj\_`vl\_ \hk\_fv j\_]bhgZevguo dZjl ©Km[t\_dlu JN P\_g hdjm]Z^a ©Km[t\_dlu - A XiZ^g\jh n\_^\_jZevgh]h hdjm]Z^a X`gh]h n\_^\_jZevgh]h hdjm]Z^a ©Km[t\_dlu ZakdNh]k\_n\_jh\_jZ hdjm]Z^a m[©Kdlu JN ljb\he`kdh]h n\_^\_jZevgh]h hdjm]Z^a MjZevkdh]h n\_^\_jZevgh]h hdjm]Z^a ©Km[t\_dlu JN Kb[bjk ©Km[t\_dlu JN >Zevg\\_hklhqgh]h n\_^\_ljZ^evgh]h dhjx] ihemq\_ggm dZjlm

2. Bkihevamy kijZ\hqgu\_lZ^ZebpuZeugZg\_kbl\_ gZ h^gm b dZjl Z^fbgbkljZlb\gu\_ p\_glju ]hj^Z km[t\_dlh\ JN kih hljZab\ ijbGZ^e\_`ghklv Z^fbgbkljZlb\gh]h p\_gljZ p\\_hf Z^fbgbkljZlb\guc p\_glj h[eZklb aZefggpZlb\guc p\_glj\_j\_kim[ebdb kbgbe Z^fbgbkljZlb\guc p\_glj djZy ±\_el Z^fbgbkljZlb\guc p\_glj hdjm]Z lh^ibrkha^ZoclgZ anZegth h[hagZq\_gby aZ[m^vl\_ ih^ibkZlv k^\_eZggmx dZjlm

ljh\\_jhqgu\_ aZ^Zgby\_  
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1. Bkihevamy kijZ\hqgu\_ fZI\_jbZeu lZ[ebpu gZg\_kb ©: ^fbgbkljZlb\ghe]hjbZevgh\_ ^\_e\_gb\_ Jhkkbb^a km[t\_dlhvdh ]hklm^Zgu\_ ijbjh^gu\_ aZih\\_^gbb b km[t\_dlu JN ]hkm^Zjkl\\_ggu\_ aZdZagbdb kihkh[hf dZq\_kl\\_ggh]h dZl\_]hjbx HHIL n\_^\_jZevgh]h agZq\_gby hl^\_evguf p\\_h^gh\j\_f\_ggh bf\_\_l h[Z lbiZ HHI aZghd\_bgbdb dZ`baZc q\_j\_kihehkbp\_c ij\_^\Zjbl\_evgh kha^Z\ \_z \ rIjboh\ d h[hagZq\_gby G\_ aZ[m^vl\_ ih^ibkZlv k^\_eZggmx dZjlm

2. Bkihevamy kijZ\hqgu\_ fZI\_jbZeu lZ[ebpu kh ©Lbiheh]by km[t\_dlh\ JN ih bklhqgbyZf^npbgZevgh]h ho ohayckl\^a ihdZaZ\ gZ g\_c kihkh[hf dhepq\_klf\_ggh]h nbgZgkbjh\Zgby Z rIjboh\dhc ijbGZ^e\_`ghklv kljZg d nbgZgkbjh\Zgbb ^\_yl\_evghklb hohlgbqvbo ohayckl\ n\_^\_jZevguc\_[x^km[t\_dlu JN \ nbgZgkbjh\Zgbb ^\_yl\_e ohayckl\ dhlhjuo ^hfbgbjmxl kh[kl\\_ggu\_ kj\_^kl\Z nbgZgkbjh\Zgbb ^\_yl\_evghklb hohlgbqvbo ohayckl\

kh[kl\\_ggu\_ kjR^kZaf\_jghklb ^ey dhebq\_kl]Z g jZ]hI Zrch  
kZfhklhyl\_ hlv^gib rbl\_ k^\_eZggmx dZjIhko\_fm Kha^Zcl\_ mh

ljh\\_jhqgu\_ aZ^Zgby\_  
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1. GZ hkgh\\_ kijZ\hqgh]h fZI\_jbZeZ kh^\_j`Zs\_]hky  
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dZjIhko\_fu ih \u[hjm klm^\_glZ ©=hkm^Zjkl\\_ggu\_  
P\_gljZevgh]h n\_^\_jZevgh]h hdjm]Z JN^a ©=hkm^Zjkl\\_g  
K\\_\\_jAnZiZ^gh]h n\_^\_jZevgh]h hdjm]Z JN^a\_ggu\_ ijbj  
aZih\\_^gdbb X`gh]h n\_^\_jZevgh]h hdjm]Z JN^a ©=hkr  
aZih\\_^gdbb -Z\^dZakdh]h n\_^\_jZevgh]h hdjm]Z JN^a  
ijbjh^gu\_ aZih\\_^gdbb >Zevg\\_hklhqgh]h n\_^\_jZev  
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ijbf\_gyy kihkh[u dZq\_kl\\_ggh]h nhgZ b Zj\_Zeh\  
2. Kha^Zmk eh\gu\_ h[hagZq\_gby bki^ueZjghka\_f

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1. Bkihevamy ki\_pbZebabjh\Zggu\_ dZjlu ih DZgZ^\_  
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Kha^Zcl\_ mkeh\gu\_ h[hagZq\_gby hijZab\\_ \ gbo agZq\_  
ih^ibrbl\_ bo
2. GZ hkgh\\_ kijZ\hqgh]h fZI\_jbZeZ kh^\_j`Zs\_]hky \  
dZjIhko\_fm ©Djmig\_crb\_ ]b^jhwe\_dljhklZ gpa lnbm k^hklg lrb  
klmi\_gqZl mx jZaf\_jg jZajZd Z Zggmx kZfhklhylg\_Ze qd d jpy]  
nhjfu h[hagZqZxs\_]h ijh\_dlgmx fhsghklv dZ`^hc  
we\_dljhklZgpbb G\_ aZ[m^vl\_ ih^ibkZlv dZjlm b gZg\_klb  
jZaf\_jgmx rdZem
3. GZ hkgh\\_ kijZ\hqgh]h fZI\_jbZeZ kh^\_j`Zs\_]hky \  
dZjIhko\_fm k^\_gghklv gZk\_e\_gby \ djmig\_crbo ]hjh^akdb  
bkihevamy h\gmx klmi\_gqZl mx jZaf\_jg jZajZd Z Zggmx kZfhkl  
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Freevectormaps.com (https://freevectormaps.com/)  
Retromap (http://www.retromap.ru/)  
The World Population Atlas ±ZgZfhjn (http://www.worldmapper.org/)  
Wikimapia - bgl\_jZdlb\gZy dZjhhttp://wikimapia.org/)  
Worldwatch Institute (http://vitalsigns.worldwatch.org/)  
6KRZLQJ JDOOHU\ ?^bguc h[jZah\ZI\_evguo ihjIze :e  
mgb\\_jkbI\_IZ KWWS SRUWDO HGX DVX UX

F\_lh^bq\_kdb\_ mdZaZgby ^ey h[mqZxsboky ih ^bkp  
• Hkgh\gh\_ mfg]h]g\_bq\_kdh\_ ihkh[b\_ bkihevam\_fh\_ \ ^Zgg  
lhlhpdZy L B BgnhjfZpbhggu\_ l\_ogheKf]hbb\_gkd\_h]Zme=BM ±  
• IZd\_l khpbZevguo wdghghfbq\_kd k bZlwbkdb\_eh]b]b]ok]Za ^Z  
l\_jjblhjb]Zagh]h fZkrlZ[Z fbj ]jmiiu kb]Zg Jh]k]Zhyu\_dlu JN  
Kfhe\_gkdZy h[e\_ZkZvfbggbkljZlbg\_u\ w]Zc]d]g]h]ggghf \b^\_  
• IZd\_l dhglmjguo dZjl jZaguo l\_jjblhjb]c fbj j\_]bhgu kl  
l\_jjblhjbZevgh\_ ^\_e\_gb\_ kljZg Jhkkbb Kfhe\_gkdhc h[eZk

l\_j\_q\_gv bgnhjfZpbhgguo l\_ogheh]bc  
Microsoft Open License (Windows XP, 7, 8, 10, Server, Office 2003-2016), ebp\_gaby  
66975477 h03.06.2016 ([\_kkjh]qgh  
H[mqZxsbfky h[\_ki\_q\_g ^hklmi d W;K ©XjZcl^a W;K  
we\_dljhgmx bgnhjh]ZjZah]g]h\_evngx kj\_^m mgb\\_jkbI\_IZ Z  
kh\j\_f\_gguf ijhn\_kkbhgZevguf [ZaZf ^Zgguo b bgnhjfZpbhgguo

### 9. FZI\_jbZe-vg b gbq\_kdZy [ZaZ

AZgylby ijh\h^ylky \ Zm^blh]byo hkgZszgguo dhfivxl  
g\_h[oh^bfuf ijh]jZffguf h[\_ki\_q\_gb\_f < Zm^bZ]b]k]bhe=[M ±  
- bgl\_jZdlb\gZ)MARK:dZ  
- dhfivxl\_jgh\_ h[hjnk]h]w]Zy]k] 41  
- fmevlbf\_^bcguc ijh\_dlhj  
- kdZg\_j nhjfZ]sonGT-20000  
- ijbgl\_j nhjfZI : ?

ДОКУМЕНТ ПОДПИСАН  
ЭЛЕКТРОННОЙ ПОДПИСЬЮ

Сертификат: 6314D932A1FC8352F4BBFDFFD0AA3F30

Владелец: Артеменков Михаил Николаевич

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