





KH>?J@:GB?

1 I:KIHJL J::HQ?C IJH=J:FFU MQ?;GHC >BKPBI

2 KLJMDLMBJ:KH>?J@:GB? MQ?;GHC >BKPBIEBI

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^jm]bfb mq\_[gufb aZ\\_^\_gbyfb

‡Mkljhckl\Z \u\h^Z a\mdh\hc b^g^gZjrnZpbb ^ey bg^b\b^mZekg hc j  
a\mdh\hc bgnhjZpbb\_hq\_h\hjbk\_eb^d^guf mkbebl\_e\_f ^eZy^g^h^kq^h

deZkkZ

‡Mkljhckl\Z ^ey jmqgh]h \h^Z l\_dklh\hc bgnhjZpbb b fZgbime  
h[t\_dIZ^bdeZ\bZlmjZ b furv b jZaghh[jZagu\_ mkljhckl^Z ZgZeh]bq

‡Mkljhckl\Z kha^Zgby ]jZnbq\_kdhc ZrgbndjZpbb^e Z^g^rb^ki^he^akry  
^ey kha^Zgby b j\_^Zdlbjh\Zgby ]jZnbq\_kdbo h[t\_dI^k\Z \b^h^Z

ij\_h[jZah\Zgby\_]h \ l\_dklh\uc nhjfZl

‡Mkljhckl\Z ^ey kha^Zgby fmaudZevghm a b g Z l e j f Z p b b d e Z \ b Z l m k j u  
khh\lkl\mxsb^fZffg]uf h[\_ki\_q^g^b^h^a\heyxl mqZsb^k^yl^k^m^a^Z^d^Z^ev^g^u

f\_eh^bb ZjZg`bjh\Zlv bo ex[uf khklZ\hfZb^g^k^j^m^b^k^g^h^e^g^\_g^e^u j\_^Zdl

bo

‡Mkljhckl\Z ^ey aZibkb \h^Z \bamZevghc b a^v^z^g^h^j^h^c^n^b^j^Z^h^i^f^Z^p  
\b^\_hdZf\_jZ pbnjh\hc fbdjhkdhi Zm^bh b^2 \b^Z^x^h \f^Z^a^g^h^k^h^v^h^g

g\_ihkj\_^kl\\_ggh \dexqZlv \mq\_[guc ijhp\_kk bgnhjZkZsp^h^g^g^u^Z^h^j  
dhfie\_dl k gZmrgbdZfb qZklh \oh^bl bg^b\b^mZevguc fbdjhnhg ^e

‡MijZ\ey\_fu\_ dxlfijhf mkljhckl\Z^xl \hafh`ghklv mqZsb^k^yl^k^m^a^Z^d^Z^ev^g^u  
ijbgpbiu b l\_ogheh]bb Z\lhfZlbq\_kdh]h mijZ\e\_gby^h^g^h^j^Z^l^g^Z^g^k^k^y

^jm]bfb [Zah\ufb ihgyIbyfb bgnhjZlbb

ljh]jZffgu\_ kj\_^kl\Z

‡Hi\_jZpbhgZy kljZln^Z\_kdZy

‡NZceh\uc f\_g\_`\_j \ khklZ\\_ hi\_jZpbhgghc kbkl\_fu beb ^j

‡:glb\bjmkgZy ijh]jZffZ

‡ljh]jZffZjob\Zlhj

‡Bgl\_jjbjh\Zggh\_ hnbkgh\_ ijbeh`\_gb\_ \dexqZxs\_\_ l\uck bh\uc j\_^  
\\_dlhjguc ]jZnbq\_kdb\_ j\_^Zdlhju ijh]jZffg]Zpbb^Zl^h^g^e^u^l^Z^e^b^p^u

‡A\mdh\hc j\_^Zdlhj

‡ljhkIZy kbkl\_fZ mijZ\e\_gby [ZaZfb ^Zgguo

‡Kbkl\_fZ Z\lhfZlbabjh\Zggh]h ijh\_dlbjh\Zgby

‡<bjlmZevgu\_ dhfivxl\_jgu\_ eZ[hjZlhb

‡ljh]jZffZ\_j\_\h^qbd

### 3.3 BgnhjfZpbhggh\_ h[\_ki\_q\_gb\_ h[mq\_gby

>eyj\_ZebaZpbb ijh]jZffu [b[ebhl\_qguc nhg^ h[jZah\ZI\_evgh  
i\_qZlgu\_ we\_dljhggu\_ h[jZah\ZI\_evgu\_ b bgnhjfZpbhggu\_ j\_kr  
h[jZah\ZI\_evghf ijhp\_kk\_

#### 3.3 Hkgh\gZy ebl\_jZlmjZ

1. Eyoh\bq < N Hkgh\u bgnhjfZlbd > We\_dljhggu j\_kmjk@ m  
Fheh^ph\ G ; JuFbdHJMK- k±J\_`bf ^hklmiZ  
<http://www.book.ru>
  2. ;\_ey\_\Z L F Dm^bgh\ : L IZZ\hy\Zy\ZbG hjkZlbdZ Mq\_[  
ijZdlbdfm ^ey ijbdeZ^gh]h [ZdZeZ\jbZIZ j\_^ Qm[mdh\Z K =
  3. =Zkmfh\Z K ? KhpbZevgZy bgnhjfZlbdZ Mq\_[gbd b ijZdlbdfm  
k
  4. =beyjh\Z F = BgnhjfZlbdZ ^ey efe^`p\_bcg k Mq\_[gbd F N\_gb  
k
  5. =jhr\_\ : K AZdeydh\ I < BgnhjfZlbdZ Mq\_[gbd F > FD Ij  
3.3.2.>hihegbl\_evgu\_ bklhqgdbd
  - 1.>Zebg]\_j < : Kbfhg`\_gdh\ K > BgnhjfZlbdZ b fZI\_fZlbdZ  
hilbfbabZp\ 0DWKFDG b 0DSOH Mq\_[gbd b ijZdlbdfm ^ey \ma
  - 2.BgnhjfZlbdZ ^ey wdghghfbklh\ Mq\_[gbd ^ey [ZdZeZ\jbZIZ b ki  
I F XjZcl k
  - 3.BgnhjfZlbdZ ^ey wdghghfbklh\ Mq\_[gbd ^ey IKFH XjZ^cllheydh\  
k
  - 4.GZ[bmeebgZ K G BgnhjfZlbdZ b BDL Dmjk e\_dpbc F EZgv
  - 5.Gh\h`beh\ H I BgnhjfZlbdZ Mq\_[gbd F XjZcl k
  - 6.lhih\ : F Khlgbdh\ < G GZ]Z\_\Z ? B BgnhjfZlbdZ b f  
Mq\_[gbd ^ lhih\ : F F XjZcl k
  - 7.IjZ\h\Zy bgnhjfZlbdZ Mq\_[gbd b ijZdlbdfm j\_^ Wevdbg < >
  - 8.Khnjhgh\Z G < ;\_evqmkh\ : : L\_hjby b f\_lh^bdZ h[mq\_g  
ihkh[b\_ F XjZcl k
  - 9.Ljhnbfh< < BgnhjfZlbdZ Mq\_[gbd ^ey ZdZ^\_fbqo kldhZro [ZdZe  
F XjZcl k
  - 10.Nbebfhgh\Z ? < BgnhjfZlbdZ b bgnhjfZpbhggu\_ l\_ogheh]  
^\_yl\_evghklb Mq\_[gbd F Xklbpy k
  - 11.Oe\_[gbdh\ : hjfZgbdZ Mq\_[gbd F N\_gbdk k
  - 12.PZpdbgZ ? I PZj\_]hjh^p\_\ : < BgnhjfZlbdZ b f\_lh^u fZ  
Mq\_[gbd h^bq\_kdh\_ ihkh[b\_ < qZklyo QZklv BgnhjfZlbdZ
  - 13.Rf\_e\_\Z : = EZ^ugb BgnhjfZlbdZ BgnhjfZpbhggu\_ l\_og  
ijhn\_kkbhgZevghc ^\_yl\_evghklb 0LFURVRIW :RUG 0LFURV  
j\_r\_gby ijhn\_kkbhgZevguo aZ^Zq F E?G:G> k
- #### 3.3.3.Bgl\_jg-]\_kmjku
1. BgnhjfZlbdZ b BDL Nh <http://ru.wikipedia.org/w/index.php>
  2. Fbj bgnhjfZlbd NhfZ ^hklmiZ KWWS MJN XFR] UX GLU
  3. <bjlmZevguc dhfivxl\_jguc fma\_c NhfZ ^hklmiZ KWWS ZZZ  
museum.ru/index.php
  4. ?`\_g\_^\_evgbd © > Bg\_nhvjv.directorinfaru
  5. We\_dljhgZy [b [www.allbest.ru/librarieshtm](http://www.allbest.ru/librarieshtm)
  6. ?>BGH? HDGH ^hklmiZ d h[jZah\ <http://wigofo.edu.kumjkZf>

4. DHGLJHEV B HP? GADM EJV?L:LH< HK<H? B B F B E B G U

<p>J_amevlZlu h[mq_gby hk\h_ggu_ mf_gby mk\h_g</p>	<p>Nhjfub f_lh^u dhgljhey b hp_gdb j_amevlZlh\ h[n</p>
<p>1</p>	<p>2</p>
<p>&lt; j_amevlZI_ hk\h_gby mq_</p>	<p>ghc ^b k p h i e` b g u n h f m q Z x s b c k y</p>
<p>Bkihevah\Zlv ghjfZlb\gmx ^h kijZ\hqguc fZI_jbZe \ k\h_c ijhn_kkbhgZevghc ^_yl_evgh</p>	<p>Hp_gdZ j_amevlZlh\ kZfhklhy l_ogheh]bq_kdbo hi_jZpbc ^hdmf_gIZfb k ijbfg_gb_ \uqbkebl_evghc l_ogbdb</p>
<p>Bkihevah\Zlv dhfivxl_jgmx l j_`bf_ ihevah\ZI_ey</p>	<p>GZ[ex^_gb_ b hp_gdZ \uiheg l_ogheh]bq_kdbo hi_jZpbc ^hdmf_gIZfb k ijbfg_gb_ \uqbkebl_evghc l_ogbdb</p>
<p>JZajZ[hIZlv ijhba\h^kl\_ggm ij_^ijbylby _]h kljmdlmjguo ih^jZa^_e_gbc</p>	<p>Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ lj_a_gIZpby ijh_dlh\ GZ[ex^_gb_ b hp_gdZ \uiheg l_ogheh]bq_kdbo hi_jZpbc ^hdmf_gIZfb k ijbfg_gb_ \uqbkebl_evghc l_ogbdb</p>
<p>JZkkqblu\Zlv ijhba\h^kl\_gg iZjZf_lju ihlhZ</p>	<p>Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ GZ[ex^_gb_ b hp_gdZ \uiheg l_ogheh]bq_kdbo hi_jZpbc ^hdmf_gIZfb k ijbfg_gb_ \uqbkebl_evghc l_ogbdb</p>
<p>JZkkqblu\Zlv ghjfu \j_f_gb nhlh]jZnbx b ojhghf_ljZ` jZ[ \j_f_gb</p>	<p>Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ GZ[ex^_gb_ b hp_gdZ \uiheg l_ogheh]bq_kdbo hi_jZpbc ^hdmf_gIZfb k ijbfg_gb_ \uqbkebl_evghc l_ogbdb</p>
<p>&lt;u[bjZlv hilbfZevguc \ZjbZg l_ogheh]bq_kdh]h ijhp_kkZ</p>	<p>Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ GZ[ex^_gb_ b hp_gdZ \uiheg l_ogheh]bq_kdbo hi_jZpbc ^hdmf_gIZfb k ijbfg_gb_ \uqbkebl_evghc l_ogbdb</p>
<p>JZkkqblu\Zlv hl^_evgu_ ihdZ bkihevah\Zgby ljm^h\uo b n j_kmjkh\</p>	<p>Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ GZ[ex^_gb_ b hp_gdZ \uiheg l_ogheh]bq_kdbo hi_jZpbc ^hdmf_gIZfb k ijbfg_gb_ \uqbkebl_evghc l_ogbdb</p>
<p>&lt; j_amevlZI_ hk\h_gby mq_</p>	<p>ghc ^b k p h i e` b g u a h g Z l q Z x s b c k y</p>
<p>Hkh[_ggkklb hljZkeb b i_jki jZa\bby \ kh\j_f_gguo mkeh</p>	<p>Mklguc hijhk Hp_gdZ j_amevlZlh\ kZfhklhy GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo &gt;hfZrgb_ aZ^Zgby Jm[_`gZy dhgljhevgZy jZ[hIZ lbkvf_gguc aZq_l ih jZa^_em lj_a_gIZpby dlh\ GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo &gt;hfZrgb_ aZ^Zgby</p>
<p>DeZkkbnbdZpbx fZl_jbZevgh j_kmjkh\ ihdZaZI_eb bo bki</p>	<p>&gt;hfZrgb_ aZ^Zgby AZsblZ bg^b\b^mZevgh]h ^hfZ Mklguc hijhk Hp_gdZ j_amevlZlh\ kZfhklhy GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo &gt;hfZrgb_ aZ^Zgby Jm[_`gZy dhgljhevgZy jZ[hIZ lbkvf_gguc aZq_l ih jZa^_em lj_a_gIZpby dlh\ GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo &gt;hfZrgb_ aZ^Zgby</p>
<p>Wdhghfbq_kdb_ j_kmjku hljZ ij_^ijbylby</p>	<p>Mklguc hijhk &gt;hfZrgb_ aZ^Zgby</p>

Hkgh\u eh]bklbdb	Mklguc hijhk >hfZrgb_ aZ^Zgby
Kmsgghkjlvba\h^kl\_ggh]h b l_ogheh]bq_kdh]h ijhp_kkh\	Mklguc hijhk Hp_gdZ j_amevlZlh\ kZfhklhyl GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo >hfZrgb_ aZ^Zgby
Hj]ZgbaZipba\h^kl\_ggh]h b l_ogheh]b]h_kjhp_kkh\	Mklguc hijhk Hp_gdZ j_amevlZlh\ kZfhklhyl GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo >hfZrgb_ aZ^Zgby
GZagZq_gb_ b kh^_j`Zgb_ l ^hdmf_glZpbb	Mklguc hijhk >hfZrgb_ aZ^Zgby
<u[bjZhilbfZevguc \ZjbZgl l_ogheh]bq_kdh]h ijhp_kkZ	Mklguc hijhk >hfZrgb_ aZ^Zgby
BgnjZkljmdlmjm ij_^ijbylby ijhba\h^kl\_ggmx kljmdlmjm	Mklguc hijhk Hp_gdZ j_amevlZlh\ kZfhklhyl GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo >hfZrgb_ aZ^Zgby
Kljmdlmjm ijhba\h^kl\_ggh]h	Mklguc hijhk >hfZrgb_ aZ^Zgby
IhdZaZI_ eb ihlhqgh]h ijhba\	Mklguc hijhk >hfZrgb_ aZ^Zgby
DeZkkbnbdZpby aZl]Zl jZ[hq ihdZaZI_ eb bo bkihevah\Zgb	Mklguc hijhk >hfZrgb_ aZ^Zgby
F_lh^u ghjfbjh\Zgby ljm^Z	Mklguc hijhk >hfZrgb_ aZ^Zgby

:>:IL:PB Y J::HQ?C IJH=J:FFU IJB H;MQ?G B B EBP K  
H=J:GBQ?GGUFB <HAFH@GHKLYFB A>HJH<VY

:^ZilZpby jZ[hq\_c ijh]jZffu ^H M p>biebg BgnhjZl]pndZ^blky ijb  
j\_ZebaZpbb Z^Zilb\ghc h[jZah\ZI\_ evgh]Zfif]jZff]h\h\db ki\_pbZe  
kj\_^g\_]h a\\_gZ ih ki\_pbZevghkbaZcg ih h]jZk\_eyfo h[\_ki\_q\_gby  
bg\Zeb^h\ b ebp k h]jZgbq\_ggufb \hafh`ghklyfbija^hjh\vy gZv gthe  
h[jZah\Zgby kha^Zgby g\_h[oh^bfuo ^ey ihemq\_gby kj\_^g\_]h ij  
mkeh\bc Z lZd`\_ h[\_ki\_q\_gby ^hklb`\_gby h[mqZxsfbky bg\Zeb^Z  
\hafh`ghklyfb a^hjh\vy j\_amevlZlh\ nhjfbjh\Zgby ijZdlbq\_kdh]h

H[hjm^h\ZgZ]bg\_lZ ^\_ehijhba\h^kl\Z b j\_`bfZeyk\_hqjm^gZklslbo ky  
jZaebqgufb \b^Zfb h]jZgbq\_gby a^hjh\vy  
HkgZs\_gb\_ dZ[bg\_lZ ^\_ehijhba\h^kl\Z b j\_`bfZ k\_dj\_lghklb /  
h[jZah\ZI\_ evguf ihlj\_[ghklyf h[mqZxsbbkyebpg\Zeb^h]Zgbq\_ggu  
\hafh`ghklyfb a^hjh\vy DZ[bg\_lu ^he`gu [ulv hkgZs\_gu h[hjm^  
f\_klZfb k l\_ogbq\_kdbfb kj\_^kl\Zfb h[mq\_gby ^ey h[mqZxsboky

h]jZgbq\_gbc a^hjh\vy  
DZ[bg\_\l dhlhjhf h[mqZxlky ebpZ k gZjmr\_gbyfb\Zxlky ijkfhlj m^Ze  
jZ^bhdeZkkhf dhfivxl\_jghc l\_ogbdhc Zm^bhl\_ogbdhc \b^\_hl\_og  
fmevlbf^\_bcghc kbkl\_fhc  
>ey keZ[h\b^ysbo h[mqZxsboky k gZjmr\_gbyfb\Zxlky ijkfhlj m^Ze  
h[t\_dlh\ ijb ihfhsb \b^\_hm\\_ebqbl\_e\_c ^ey m^Ze\_ggh]h ijk  
;jZce\_\kdhc dhfivxl\_jghc l\_ogbdb we\_dljhgguo emi ijh]jZff g\_  
bgnhjfZpbb l\_ogbq\_kdbo -kij^kZqibm^Zg]h]Zpbb \^hklmiguo nhjf  
>ey h[mqZxsboky k gZjmr\_gbyfb\Zxlky ijkfhlj m^Ze  
h[hjm^h\Zg i\_j\_\^b`gufb j\_]mebjm\_fufb iZjZfb k bklhqgbdhf iblZg  
<ur\_mdZaZggh\_hkgZs\_gb\_mklZgZ\eb\Z\_lky \ dZ[bg\_l\_ ijb  
Z^Zilbjh\Zgghc h[jZah\Zl\_evghc ijh]jZff\_ k mq\_lhf bf\_xs\_]hky lbi  
h[mqZxs\_]hky

BgnhjfZpbhggh\_ b f\_lh^bq\_kdh\_ h[\_ki\_q\_gb\_ h[mqZxsboky

>hkmi d bgnhjfZpbhgghuf b [b[ebh]jZnbq\_kdbf j\_kmjZf mdZ  
ijh]jZffu ^he`u\_lg [j\_`klZ\`e\_g \ nhjfZo Z^Zilbjh\Zgguo d h]jZgb  
h[mqZxsboky bg\Zeb^h\ b ebp k h]jZgbq\_ggufb \hafh`ghklyfb a^h  
>ey ebp k gZjmr\_gbyfb aj\_gby g\_ f\_g\_\_ h^gh]h \b^Z  
- \ i\_qZlghc nhjf\_ m\\_ebq\_gguf rjbnlhf  
- \ nhjf\_ we\_dljhggh]h ^hdmf\_g  
- \ nhjf\_ Zm^bhnZceZ  
- \ i\_qZlghc nhjf\_ gZ yaud\_ ;jZcey  
>ey ebp k gZjmr\_gbyfb kemoZ  
- \ i\_qZlghc nhjf\_  
- \ nhjf\_ we\_dljhggh]h ^hdmf\_glZ  
>ey ebp k gZjmr\_gbyfb\Zxlky ijkfhlj m^Ze  
- \ i\_qZlghc nhjf\_  
- \ nhjf\_ we\_dljhggh]h ^hdmf\_glZ  
- \ nhjf\_ Zm^bhnZceZ  
>ey ebp k gZjmr\_gbyfb jZkkijhckl\h Zmlbq  
gZjmr\_gb\_ ikbobq\_kdh]h jZa\blby  
- bkihevah\Zgb\_l\_dklZ k beexkljZpbyfb  
- fmevlbf^\_bcgu\_fZl\_jbZeu  
<h \j\_fy kZfhklhyl\_evghc h[mqZxsboky bg\Zeb^u b ebpZ k h]jZ  
\hafh`ghklyfb a^hjh\vy ^he`gu [ulv h[\_ki\_q\_gu ^hkmihf d k\_lb Bg

Nhjf u b f\_lh^u dhgljhey b hp\_gdb j\_amevlZlh\ h[mq\_gby

MdZaZggu\_ \ i ijh]jZffu nhjfu b f\_lh^u dhgljhey ijh\h^yky  
a^hjh\vy h[mqZxsboky P\_evx l\_dms\_]h dhgljhey y\ey\_lky k\  
aZijm^g\_gbc b hklZ\Zgby h[mqZxs\_]hky k h]jZgbq\_ggufb \hafh`g  
dhjj\_dlb\h\ \ mq\_[gmx^\_yl\_evghklv  
NhjfZ ijhf`mlhqghc Zll\_klZpbb mklZgZ\eb\Z\_lky ijkfhlj m^Ze  
ikbohnbabq\_kdbo hkh[\_gghkl\_c h[mqZxsboky bg\Zeb^h\ b  
\hafh`ghklyfb a^hjh\vy mklgh ibkvf\_ggh gZ [mfZ]\_ ibkvf\_ggh  
l\_klbjh\Zgby b l i  
ljb ijh\\_^\_gbb ijhf`mlhqghc Zll\_klZpbb hklZ\Zgby ijkfhlj m^Ze  
ih^]hlh\dm d hl\\_lm m\\_ebq\_ggh\_ g\_ [he\_\_ q\_f \ ljb jZaZ mklZ  
hl\\_lm h[mqZxsboky g\_ bf\_xsbf h]jZgbq\_gbc \ khklhygbb a^hjh\vy



