Основная профессиональная образовательная программа разр...

Федерального государственного образовательн... ФГОС ...тандарта
специальности ...рофессионального образования   Дизайн
утверждённого приказом Министерства просвещения РФ ‹   от   ноя...
от   входящей в состав укрупнённой группы специ...
Изобразительное и прикл...искусства

KH>?J@:GB?

1   I:KIHJLJ:;HQ?CJH=J:FFUMQ?;GH+CKPBIEBGU

2   KLJMDLMBJKH>?J@:GMQ?;GH+CKPBIEBGU

3   MKEH<JY:EBA:PBMQ?;GH+CKPBIEBGU

4   DHGLJHBNP?GDJ:?AMEVL:LHK<H?GBYQ?;GHC
>BKPBIEBGU

5   :>:IL:PBY J:;HQ?C IJH=J:FFU IJB H;MQ?G
H=J:GBQ?GGUFB <HAFH@GHKLYFB A>HJH

6   EBKL I?J?ML<?J@>?GBY :DLM:EBA:PBB
IJH=J:FFU >BKPBIEBGU

1. I:KIHJLJ:;HQ?CJH=J:FFUMQ?;GH:CBKPBIEBGU

1.1. H[eZklybf_g_gbjjh]jZffu

JZ[hqZjyh]jZffZmq_[ghbkpbieb?G FZI_fZyl\bedyZlkqyZklvx
hkgh\gihjhcn_kkbhgZbe\jZhaZh\Zl_ejyhghjjZffuih ki_pbZev5ghklb b>aZcg
ih hljZk.eyf

F_klh mq_[ghc ^bkpbiebgu \ kljmdlmj_ ijhjfZjghZl_hekvghh\gho
ijh]jZffu ^bkpbieb?Z FZI_fZlbdZ \o\h^^bl^Zl_fZlbq_kdbc b h[sb
_kl_kl\ghZhmqguc pbde ijhn_kkbhgZevghc ih^]hlh\db

1.3. P_eb b aZ^Zqb mq_[ghc ^bkpbievbZgguy d j_amevlZlZf hk\h_g
mq_[ghc ^bkpbiebgu

AZ^Zqb ^bkpbiebgu
- nhjfbjh\Zgbj_^klZ\e_gbc h fZl_fZlbd_ dZd mgb_jkZevghf
kj_^kl_ fh^_ebjh\Zgby y\e_gbc b ijhp_kkh\ h[b^_yo b f_lh^Z
- jZa\blb_h]bq_kdh]h fure_gby ijhkljZgkl_ggh]h \hh[jZ`_gby
dmevlmju djblbqgkelbby gZ mjh\g_ g_h[oh^bfh ^ey b
ijhn_kkbhgZevghc ^_yl_evghklb ^ey ijh^he`_gby h[jZah\Zgby
- h[mq_gb_ klm^_glh\ f_lh^Zf fZl_fZlbq_kdh]h ZgZebaZ g_
bamq_gbb hklZevguo dmjkh\
- ijb\blb_ klm^_glZf gZ\udhh\Zgbykjes bkihevah\Zgb_f fZl_fZlb
ZgZebaZ
- h[mq_gb_ klm^_glh\ f_lh^Zf eh]bq_kdb kljh]h]h ihkljh_gby ^h
- nhjfbjh\Zgb_ gZ\udh\ b mf_gbc g_h[oh^bfuo ijb ijZdlbq_k
fZl_fZlbq_kdbo b^_c b f_lh^h\ ^ey ZgZebaZh]bufih^_kblhf\Zg
ijhp_kkh\ y\e_gbc ^ey ihbkdZ hilbfZevguo j_r_gbc b \u[hjZ
j_ZebaZpbb

<j_amevlZkk\h_gbyy_[ghcbkpbiebgmqZxsb^okley_aggZlv
- agZq_gb_ fZl_fZlbdb \ ijhn_kkbhgZevghc ^_yl_evghklb b ijh
ijhn_kkbhgZevghc h[jZah\Zl_evghc ijh]jZffu
- hkgh\gu_ fZl_fZlbq_kdb_ f_lh^u j_r_gby ijbdeZ^guo aZ
ijhn_kkbhgZevghc ^_yl_evhklb
- hkgh\gu_ ihgylby b f_lh^u fZl_fZlbq_kdh]h ZgZebaZ ^bkd
ebg_cghc Ze]_[ju l_hjbb dhfie_dkghujb qkjhylghkl_c b
fZl_fZlbq_kdhc klZlbklbdb
- hkgh\u bgl_]jZevgh]h b ^binn_j_gpbZevgh]h bkqbke_gby

<j_amevlZkk\h_gbyy_[ghcbkpbiebgmqZxsd^okley_agf_lv
- j_rZlv ijbdeZ^gu_ aZ^Zqb \ h[eZklb ijhn_kkbhgZevghc ^_yl_e
- j_rZlv ijbdeZ^aZ^Zqb k bkihevah\Zgb_f we_f_glh\ ^binn_j_g
bgl_]jZevgh]h bkqbke_gby
- gZoh^blv ZgZeblbq_kdh_ \ujZ`_gb_ ijhba\h^ghc ih lZ[ebqguf
- j_rZlv ijhkl_crb_ ^binn_j_gpbZevgu_ mjZ\g_gby
- \uihegylv hi_jZpbb gZ^ fgh`_kl\Zfb
- kh_jrZlv Zjbnf_lbq_kdblbb gZ^ fZljbpZfb
- gZoh^blv hij_^_ebl_ev fZljbpu
- j_rZlv kbkl_fu mjZ\g_gbc f_lh^Zfb DjZf_jZ =ZmkkZ f_lh^hf h
kh_jrZlv hi_jZpbb k dhfie_dkgufb qbkeZfb
- j_rZlv ijhkl_crb_ aZ^Zqb bkihevamy we_f_glu l_hjbb
fZl_fZlbq_kdhlbklbdbZ

4

< j_amevlZl_ hk\h_gby mq_[ghc ^bkpbiebgu nhjfbjmxlky ke_

HD <u[bjZlv kihkh[u j_r_gby aZ^Zq mq_[ghc ^_yl_evghklb
ijbf_gbl_evgh bdhgqZl dhgl_dklZf

HD Bkihevah\Zlv kh\j_f_ggu_ kj_^kl\Z ihbkdZ pbnjh\Zy Z bgl_j
bgnhjfZpbbbgnhjfZpbggu_ l_ogheh]bb ^ey \uiheg_gby aZ^Zq ijhn_kkb
^_yl_evghklb

HD Wnn_dlb\gh \aZbfh^_ckl\c b jZ[hlZlv \
dhee_dlb_ b dhfZg^_

ID ijhba\h^blv jZkq_lu dhgnbq_kdh]h h[kgh\Zgby ij_^eZ]
ijh_dlZ

ID JZajZ[Zlu\Zlv dhgkljmdpbx ba^_eby k mq_lhf l_ogheh]bb
\uihegylvognbq_kdb_ q_jl_`b

1. Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgby

EJ Hkhagzxsbc k_[y]jZ`^Zgbghf b aZsblgbdhf _ebdhc kljZgu
EJ ijhy\eyxsbc Zdlb\gmx `bag_ggmx ihabpbx ^_fhgkljbjmxsbc ijb\_j`
ijbgpbiZf q_klghklb ihjy^hqghklb hldjulhklb wdhghfbq_kdb Zdlb
klm^_gq_kdhf b l_jjblhjbZevghf kZfhmijZ\e_gbb \ lhf qbk
^h[jh\hevq_kl\Z ijh^mdlb\gh \aZbfh^_ckl\mxsbc b ^_ylevghklb
h[s_kl_gguo hj]ZgbaZpbc

EJ Kh[ex^Zxsbc ghjfu ijZ\hihjy^dZ ke_^mxsbc b^_ZZf]jZ`^
h[_ki_q_gby [_ahiZkghklb ijZ\ b k\h[h^]jZ`^Zg Jhkkbb Ehye
ijhy\e_gbyf ij_^klZ\bl_e_c km[dmevlmj \ ^_kljmdlb\guf
^_\bZglguf ih_^_gb_f >_fhgkljbjmxsbc g_ijbylb_ b ij_^mij_`^Z
hiZkgh_ ih_^_gb_ hdjm`Zxsbo

EJ ijhy\eyxsbc b ^_fhgkljbjmxsbc m\Z`_gb_ d ex^yf ljm^Z hk
hk[kl_ggh]h ljm^Z Klj_fysbckjh\Zgbxn \ k_l_\hc kj_^_ ebqghkl
ijhn_kkbhgZevgh]h dhgkljmdlb\gh]h ©pbnjh\h]h ke_^Za

EJ >_fhgkljbjmxsbc ijb_j`_gghklv d jh^ghc dmevlmj_ bklhjbq_
hkgh_ ex[\b d Jh^bg_ jh^ghfm gZjh^m fZehc jh^bg_ ijbgylbx lj
fgh]hgZpbhgZevgh]h gZjh^Z Jhkkbb

EJ ijhy\eyxsbc m\Z`_gb_ d ex^yf klZjr_]h ihdhe_gby b]hlh\
khpbZevghc ih^^_j`d_ b \ehgl_jkdbo ^\b`_gbyo

EJ HkhagZxsbc ijbhjbl_lgmx p_gghklv ebqghklv q_eh_dZ m\Z
qm`mx m]ghkl_\\ jZaebqguo kblmZpbyo \h \k_o nhjfZo b \b^Zo ^

EJ ijhy\eyxsbc b ^_fhgkljbjmxsbc m\Z`_gb_ d ij_^klZ\bl_
wlghdmevlmjguo khpbZevguo dhgn_kkbhgZevguo b buguo]j
khojZg_gbx ij_mfgh`_gbx b ljZgkeypbbZ bmembklZ b p_gghkl
fgh]hgZpbhgZevgh]h jhkkbckdh]h]hkm^Zjkl\Z

EJ Kh[ex^Zxsbc b ijhiZ]Zg^bjmxsbc ijZ\beZ a^hjh\h]h b [_abaZ
kihjlZ ij_^mij_`^Zxsbc eb[h ijh^he_\Zxsbc aZ\bkbfhklb hl Z
ikbohZdlb\guo _s_kl\ Za jbq b l ^ KhojZgyxsbc ikboheh]bq_kdmx n
kblmZpbb\gh keh`guo beb klj_fbl_evgh f_gyxsboky kblmZpbyo

EJ AZ[hlysbcky h aZsbl_ hdjm`Zxs_c kj_^u kh[kl_ghc b qm
qbke_ pbnjh\hc

EJ ijhy\eyxsbc m\Z`_gb_ dwklwlbq_kdbf h[eZ^Zxsbc hkgh
wkl_lbq_kdhc dmevlmju

EJ ijbgbfZxsbc k_f_cgu_ p_gghklb]hlh\uc d kha^Zgbx k_fvb
^_fhgkljbjmxsbc g_ijbylb_ gZkbeby \ k_fv_ moh^Z hl jh^bl_ev
hldZaZ hl hlghr_gbc^_lvfb\hbobo nbgZgkh\h]h kh^_j`Zgby

5

2. Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgby

   hljZke_\ufb lj_[h\Zgbyfb d ^_eh\uf dZq_kl\Zf ebqghklb

EJ   Kh[ex^Zxsbc \ k\h_c ijhn_kkbhgZevghc ^_yl_evghklb w
q_klghklb_b_baZ\bkbfhklb ijhn_kkbhgZevgh]h kd_ilbpbafZ ijhlb\h^_c
wdklj_fbafm h[eZ^Zxsbc kbkl_fguf fure_gb_f b mf_gb_f ijbgb
mkeh\byo jbkdZ b g_hij_^_gghklb

EJ   =hlh\uc khhl_lkl\h\Zlv h`b^Zgbyf jZ[hlh^Zl_eysmcc ijh
wnn_dlb\gh \aZbfh^_ckl\mxsbc k qe_gZfb dhfZg^u b khljm^gbqZx
hkhagZggh \uihegyxsbc ijhn_kkbhgZevgu_ lj_[h\Zgby hl_lkl_
^bkpbiebgbjh\Zgguc ljm^hex[b\uc djblbq_kdb fukeysbc gZp_e_
ihklZ\e_ggu_e_c ^_fhgkljbjmxsbc ijhn_kkbhgZevgmx `bag_klhcdhk

EJ   Hldjuluc d l_dmsbf b i_jki_dlb\guf baf_g_gbyf \ fbj_ ljm^Z

3. Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgby h

   km[t_dlhf Jhkkbckdhc N_^_jZpbb

EJ   KhojZgyxsbcgZ\ukbh^gZelmjgmx b^_glbqghklv \ mkeh\byo iheb
h[jZah\Zl_evgh]h ijhp_kkZ

4. Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgby h

   dexq_\ufb jZ[hlh^Zl_eyfb

EJ   >_fhgkljbjmxsbc kdjmimle_aghklv i_^ZglbqghkljZ[hlij\hp_kk
jZfdZo ijhn_kkbhgZevghc ^_yl_evghklb

EJ   JZ[hlZxsbc \ dhee_dlb_ b dhfZg^_ wnn_dlb\gh \aZbfh^_c
jmdh\h^kl\hf deb_glZfb

EJ   ljbagZxsbc p_gghklv dZ`^h]h q_eh_dZ b _]h ijZ\h gZ
kihkh[ghkl_c ggZ]u^hkmklheh\by `bagb b [eZ]hklhygb_ k\h[h^guc \
ihabpbb

EJ   >_fhgkljbjmxsbc m\Z`_gb_ b ^h[jh`_eZl_evgh_ hlghr_gb_
m\Z`Zxsbc m[_`^_gby k\hbo deb_glh\ bo p_gghklb dmevlmjm p
\aZbfhhlghr_gbyo\babkk^jm]bfb ex^vfb

1.4. J?DHF?G>M?FFH?DIHF?KLQ?KLQHKH=G:HK<H?G?B?
IJH=J:FFUMQ?;GH=<CBKPBIEBGU
H[t_f h[jZah\Zb_gZ]jmaddmqZxs_48hdkZwk\\lhfqbke_
\h \aZbfh^_ckl\bb k ij_ihh[\aZb_k_e_3\8hdZwkh\
kZfhklhyl_e_jZghhkl[mqZxs_10hdkZwk\

<b^uq_[gjZqhlu	H[t_fqZkh\
H[t_f h[jZah\Zl_evghc ijh]jZffu mq_[ghc \	48
H[t_f jZ[hlu h[mqZxsboky \h \aZbf ij_ih^Z\Zl_e_f	38
\hfqbke_hjf_ijZdlbq_kdhc ihb]hlh\d	
l_hj_lbq_kdmq_gb_	10
ijZdlbq_kdZgylby	28
KZfhklhyl_evgZ^hZ[mqZxs_]hky	10
\hfqbke_	

- jZajZ[hldZ ij_a_glZpbc
- jZ[hlZ k mq_[gbdhf
- bg^b\b^mZevgZy jZ[hlZ
- gZoh`^_gb_ _jhylghkl_c ih nhjfmeZf ;_jgmeeb b EZieZk

 ljhf_`mlhq`ZZy klZpbhbljjf wdaZf_gZk_f

2.2. L_fZlbq_kdobZ`dgbkh^_j`Zgmbq__[g^bckpbieb@FuZl_fZlb&dZ

GZbf_gh\Zgb_ jZa^_ebhl_f	Kh^_j`Zgb_ qmb_[ghZ_h_jbZeZ;jZdlbq_kdb[Zhlu kZfhklhyl_ejdm[ZkZlm^_glh\	H[t_f qZkh\	Dh^u dhfi_l_g nhjfbjh\Zgbx dhlhjuo kihkh[kl\m_ we_f_gl ijh]jZ
1	2	3	4
JZa^_eWe_f_glu ebg_cghc Ze]_[ju			
L_fZ FZljbpu b hij_^_	<_^_gbj_^f_l p_eb b aZ^Zqb mq_[ghc ^bkpbie	2	HD-HD, ID ID
	IjZdlbq_kdh_ aZgyFZljbpu hi_jZpbb gZ^ gbfb	2	
	IjZdlbq_kdh_ aZgyHij_^_ebl_eb b bo k\hckl\Z	1	
	IjZdlbq_kdh_ aZgyljZ\beZ \uqbke_gby hij_^_eb	1	
L_fZ Kbkl_fu ebg mjZ\g_gbc	IjZdlbq_kdh_ aZgyIbr_gb_ kbkl_f ebg_cguo mjZ aZ^Zqb wdhghfbq_kdh]h kfukeZ	2	HD-HD, ID ID
	IjZdlbq_kdh_ aZgylb_ ‹ K_fbgZj ih jZa^_em	2	
	KZfhklhyl_evgZy jZ[hlZ JZajZ[hlijd_glZpbb ©AgZq_gb_ fZl_fZlbdb \ ij ^_yl_evghklb ª JZajZ[hldZ ij_a_glZpbc gZ l_fm ©FZljbpuKbkl_f_fu^ ebg_cguo mjZ\g_gbcª	2	
JZa^_e FZl_fZlbq_kdbc ZgZeba			
L_fZ Hkgh\gu_ ihgyl ij_^_eh\ b g_ij_ju\ghklb	Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ ;_kdhg_qgh fZeu_ b [_kdhg_qgh [hevrb_ ihke_ gbfb Hkgh\gu_ l_hj_fu h ij_^_eZo I_j\uc b \lh ij_^_eu	2	HD-HD, ID ID
	IjZdlbq_kdh_ aZgy<bqbke_gb_ i_j\h]h b \lhjh]h aZf_qZl_evgh]h ij_^_eh\	2	
	KZfhklhyl_evgZy jZ[hlZ h[mqZxsboky JZ[hlZ k mq_[gbdhf g_ij_ju\ghklv nmgdpbb \ l Lhqdb jZaju\Z i_j\h]h b \lhjh]h jh^Z	2	

8

L_fZ Hkgh\u ^bnn_j_ bkqbke_gby ljhba\h^gZy	IjZdlbq_k<dbZ_gylb_ ‹ <uqbke_gb_ ijhba\h^guo keh`g nmgdpb>bonn_j_gpbjh\Zgb_ keh`ghc nmgdpbb	2	HD-HD, ID ID
	KZfhklhyl_evgZy jZ[hlZ h[mqZxsboky JZ[hlZ k mq_[gbdhf Hij_^_e_gb_ ijhb =_hf_ljbq_kdbc f_oZgbq_kdbc b wdhghfbq_ ijhba\h^ghc ljhba\h^u_ hkgh\guo we_f_glZjg	2	
L_fZ ljbeh`_gb_ ijhba\	Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ Bkihevah\Zgb_ ihgylby ijhba\h^ghc \ wdhghfbd nmgdpbb  weZklbqghklv kijhkZ b ij_^eh`_gby h	2	HD-HD, ID ID
	IjZdlbq_kdh_ aZgylb_ Bkke_^h\Zgb_ nmgdpbc b ihkljh_gb_]jZnbdh\ IjZdlbq_kdh_ aZgylb_ J_r_gb_ aZ^Zgbc wdhghfbq_kdh]h kfukeZ f_oh^ bkqbke_gby	2	
	KZfhklhyl_evgZy jZ[hlZ JZ[hlZ k mq_[Bdhkdheh^f_h^\Zgb_ keh`ghc nmgdpbb k ijhba\h^ghc bgl_j\Zeu fhghlhgghklb wdklj_fm ihkljh_gb_]jZnbdh\	2	
L_fZ Hkgh\u bgl_]jZ bkqbke_gby G_hij_^_ bgl_]jZe	IjZdlbq_kdh_ aZgylb_ <uqbke_gb_ g_hij_b^_bgle_]jZeuho\ f_lh^hf aZf_gu i_ qZklyf	2	HD-HD, ID ID
L_fZ Hij_^_gguc ljbeh`_gb_ hij_^_gg bgl_]jZeZ	IjZdlbq_kdh_ aZgylb_ <uqbke_gb_ hij_^_gguo bgl_]jZeh\ f_lh^hf a ihfhsvx bgl_]jbjh\Zgby ih qZklyf	2	HD-HD, ID ID
JZa^_e Dhfie_dkgu_ qbkeZ			
L_fZ Dhfie_dkgu_	Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ Hij_^_e_gb_ dhfie_dkgh]h qbkeZ :jbnf_lbq_kd dhfie_dkgufb qbkeZfb aZ^ZbkZ[g]gbiodq_kZhc nhjf_	2	HD-HD, ID ID

9

	=_hf_ljbq_kdZy bgl_jij_lZpby dhfie_dkguo qbk		
	Ljb]hghf_ljbq_kdZy b ihdZaZl_evgZy nhjf aZib		
	IjZdlbq_kdh_ aZgylb_	2	
	>_ckl\by gZ^ dhfie_dkgufb qbkeZfb		
Blh]h\h_ aZgylb_	H[h[s_gbjhc^_ggh]h mq_[gh]h fZl_jbZeZ		
	Ih^_^_gb_ blh]h\ ih j_amevlZlZf h[mq_gby aZ k_f_		
J:A>?E HKGH<U >BKDJ?LGHC F:L?F:LBDB		10	
L_fZ Fgh`_kl\Z b hi gbfb	Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ	2	HD-HD, ID ID
	Ihgylb_ fgh`_kl\Z Kihkh[u aZ^ZgbyZlbg]h`gb`_gh`_kl\Zfb Wce-sZggZ Hkgh\gu_ ih`^_kl\Z Ze_[ju fgh`_kl\		
	IjZdlbq_kdh_ aZgylb_ ihheg_gb_ hi_jZpbc gZ^ fgl	2	
J:A>?E HKGH<GU? IHGYLBY L?HJBB <?JHYLGHKL?C B F:L?F:l			
KL:LBKLBDB			
L_fZ We_f_glu l_hj _jhylghkl_c	Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ	1	HD-HD, ID ID
	KemqZcgu_ _ebqbgu <b^u kemqZcguo _ebqb kemqZcguo _ebqbg Qbkeh\u_ oZjZdl_jbklbdb		
	IjZdlbq_kdh_ aZgylbr_gb_ aZ^Zq gZ gZoh`^_gb	2	
	iheghc _jhylghklb		
	KZfhklhyl_evgZy jZ[hlZ h[mqZxsboky		
	Bg^b\b^mZevgZy jZ[hlZ		
	JZ[hlZ k mq_[gbdhf	2	
	GZoh`^_gb_ _jhylghkl_c ih nhjfmeZf ;_jgmle		
	F_edhk_jbcgh_ b djmighk_jbcgh_ ijhba\h^kl\h		
	2. Mkeh\gZy b ihegZy _jhylghklb		
L_fZ Hkgh\gu_ ihgylby fZl_fZlbq_kdhc klZlbklbd	IjZdlbq_kdh_ aZgylb_gb_ aZ^Zq fZl_fZlbq_kdh	2	
L_fZ FZl_fZlbq_kdZy wdhghfbq_kdhc aZ^Zqb ijh]jZffbjh\Zgb_	Kh^_j`Zgbbq_[gh]h fZl_jbZeZ	1	HD-HD, ID ID
	FZl_fZlbq_kdh_ fh^_ebjh\Zgb_ hkgh\gu_ ihgyl		
	fh^_ebjh\Zgby ljbf_ju khklZ\e_gby fZl_fZlbq_l		
	FZl_fZlbq_kdZy fh^_ev wdhghfbq_kdhc aZ^Zqb		
	j_r_gby aZ^Zq ebg_cgh]h ijh]jZffbjh\Zgby. k ^|		
Blh]h\h_ aZgylb_	Blh]h\Zy h[yaZl_evgZy dhgljhevgZy jZ[hlZ ih ijhc	2	

Ijhf_`mlhqg zZly_klZpby	H[h[s_gib jh c^_ggm tm|oh_[gh zjh_jbZeZ WDA:F?G	2	
	FZdkbfZevmg zZy_[ggzZy]jma	48	

3. MKEH<BJY?:EBA:PBMQ?;GH>CBKPBIEBGU

Lj_[h\Zgby d fbgbfZevghfm-lf_Zol_hjq_edZ_vnm h[_ki_q_gbx

>ey j_ZebaZ jhbjpffu mq_[gbkpbiebgu ij_^mkfhlj_gu ke_
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bgl_jZdlb\gZy ^hkdZ ijh_dlhj dhfivxl_j
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BgnhjfZpbhggh_ h[_ki_q_gb_ h[mq_gby
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3.2.1.Hkgh\gZy ebl_jZlmjZ

1. ;h]hfheh\ G < FZl_fZlbdZ mq_[gbd ^ey KIH G < ²;5]hfheh
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XjZcl >k²cURL: https://www.biblio-online.ru/bcode/433286

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Fhkdi\ Ba^Zl_evkl\h.XjZclk² ljhn_kkbhgZevgh_ h[jZa ISBN\9785_
534-134056. ² L_dkl we_dljhgguc W;K² URL: https:/kuZaitlr@bcode/459024

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13

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