



국민소득 2만불로 가는 길

요약 보고서

삼성경제연구소

研 究 陣

専 務

首席研究員

研究員

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.		54	

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(): 95 A1 → 98 Ba → 03 A3(-)

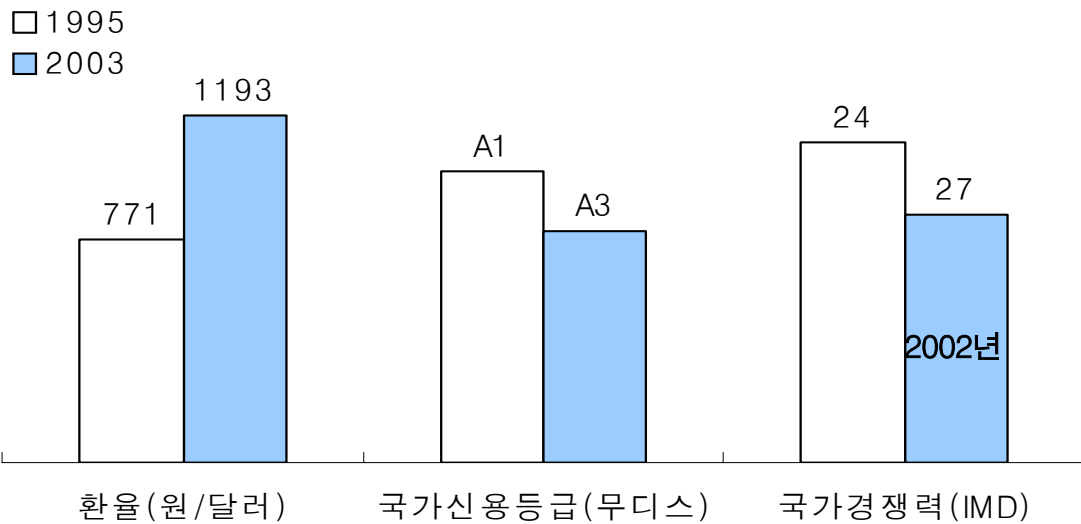
24 27 (IMD, 2002)

13 (OECD 10, 2001)

-

() 8 54%

/ : 771 (95) → 1,193 (2003)

국가경쟁력 추이

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- OECD

2002

(

9,266

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OECD

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OECD

20

38%

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54.2%

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62.4%

한국과 일본의 주택보급률·자가보급률

1	1981	1995	2002
	108.0%	86%	100.6%
	62.4%	53.3%	54.2%

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(IMD, 2003)

노사 분류와 근로 손실 일수

	('00)	('99)	('00)	('00)
	250	154	39	212
	144.1	0.7	15.5	20.3

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1995 35.5%

26%

300 ,

GDP 74%

440

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,

/GDP

95

14.9%

2002

10.7%

2001

4)



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- 1

7%

5%

,

2%

3%

(, Getting it right, 1999)

-

4.0%

기간별 잠재성장률 변화 추이

(: %, %p)

	5 (70~89)	1 (90~95)	1 (96~2003)	2004~10
	7.9	7.0	5.4	4.0
< >	5.1 <2.3>	4.0 <2.2>	2.3 <1.3>	2.0 <1.4>
< >	<2.9>	<1.8>	<1.0>	<0.6>
	2.8	3.0	3.1	2.0

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- 70~80 1

1 2 9.2

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1 0.6%p

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2万弗 이상 국가의 인당 소득

		(, 2002)	()	
			1	2
4		46,631	1979	1988
		42,262	1978	1987
3		37,620	1978	1988
		36,678	1978	1986
		32,014	1978	1987
		31,343	1981	1987
		30,891	1989	1996
2		26,926	1977	1988
		26,089	1988	1994
		26,041	1987	1996
		25,998	1978	1991
		25,283	1980	1988
		24,367	1978	1991
		20,887	1989	1994
		21,930	1980	1989

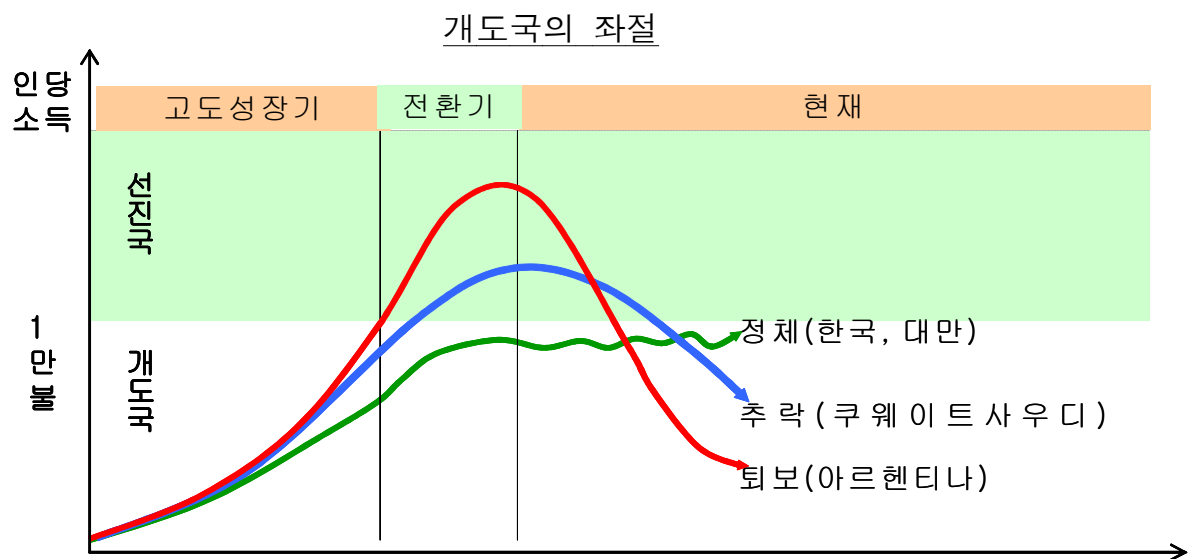
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2.5%(1

3%)

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1%p

0.3%p

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		2	1
	1 ()	27,227	12,156
	(%)	2.5	3.0
	(1 :2 :3 , %)	2.0: 29.0: 69.0	4.8: 30.1: 64.2
	(%)	22.0	10.1
	()	26.9	6.8
	()	78.5	75.7
	()	4.5	8.3
	(, %)	100 (100)	88.0 (93.5)
	() (%)	97.8(90.1)	90.1(83.8)
	(%)	83.3	82.8
	()	70.4	21.9
	1 PC()	429.5	194.1
	()	1,327.3	930.8

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21, 1

6

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- 80

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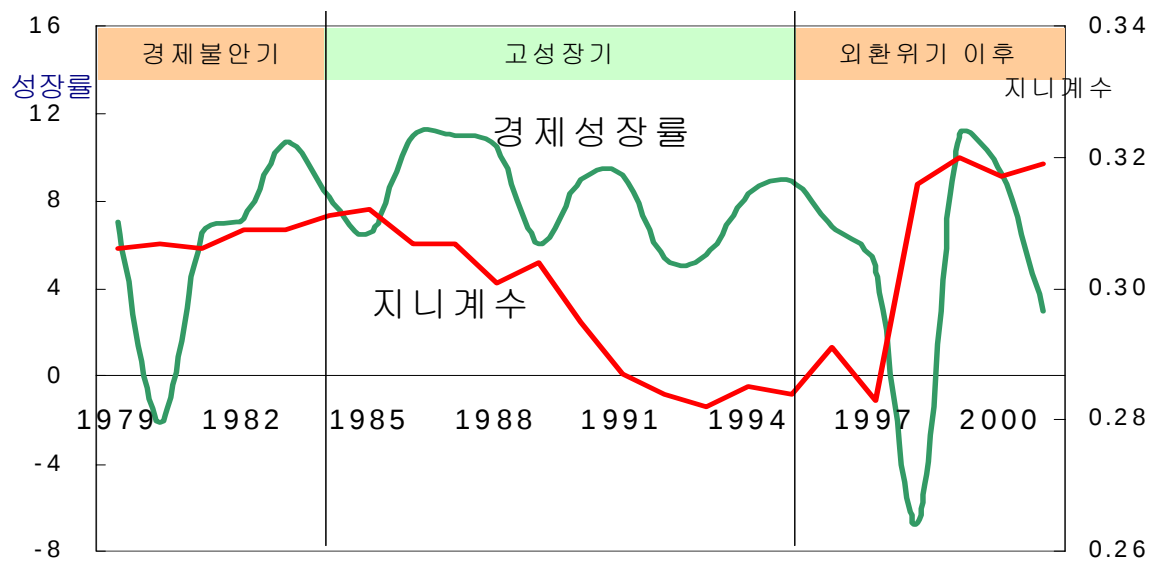
□

90

- (5 → 12)

- (), ()

우리나라의 성장률과 분배구조



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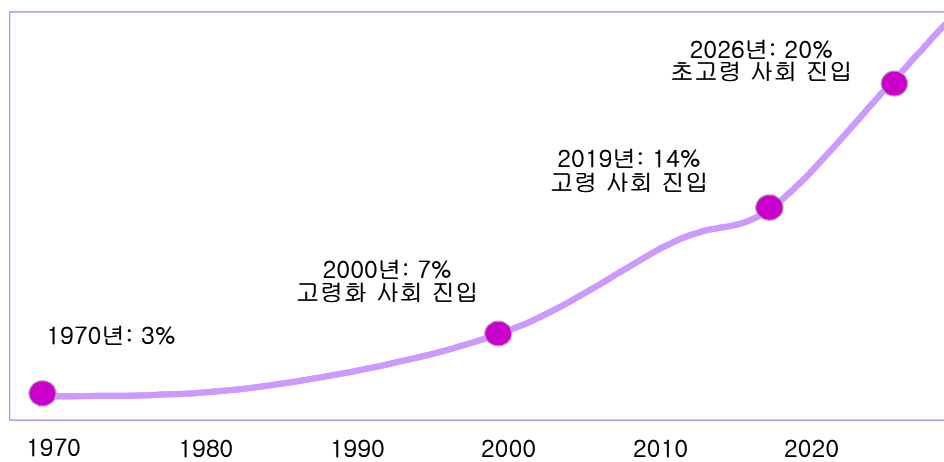
- 2019 (65 14%)
 2000 (65 7%)
 2026 65 20%

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40~115

19

고령인구 비중 추이



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100 2000 10.1
 2007 18.7 , 2010 14.8

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60~64 2000 5.4%

2007 2010 5.6%, 6.2%

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90

GDP

4%

2002

7,000

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5

GDP

10%

2,500

독일과 한국의 경제수준 비교

	(1989)	(2002)
GDP	13,640	4,766
	18,961	10,013
	(: = 3 : 1)	(: = 13 : 1)
	6,200	4,800
	(: = 4 : 1)	(: = 2 : 1)

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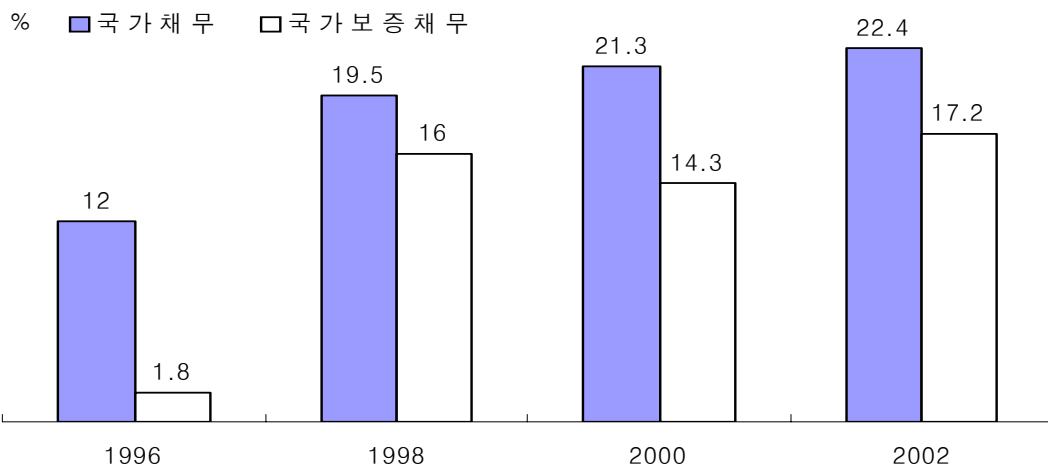
-

/GDP : 96 12.0% → 02 22.4%

-

/GDP : 96 1.8% → 02 17.2%

국가채무의 추이



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☐ /GDP OECD (73%)

- 34%

→ (GDP 17.2%)

3. 2

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law) , (rule of

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80

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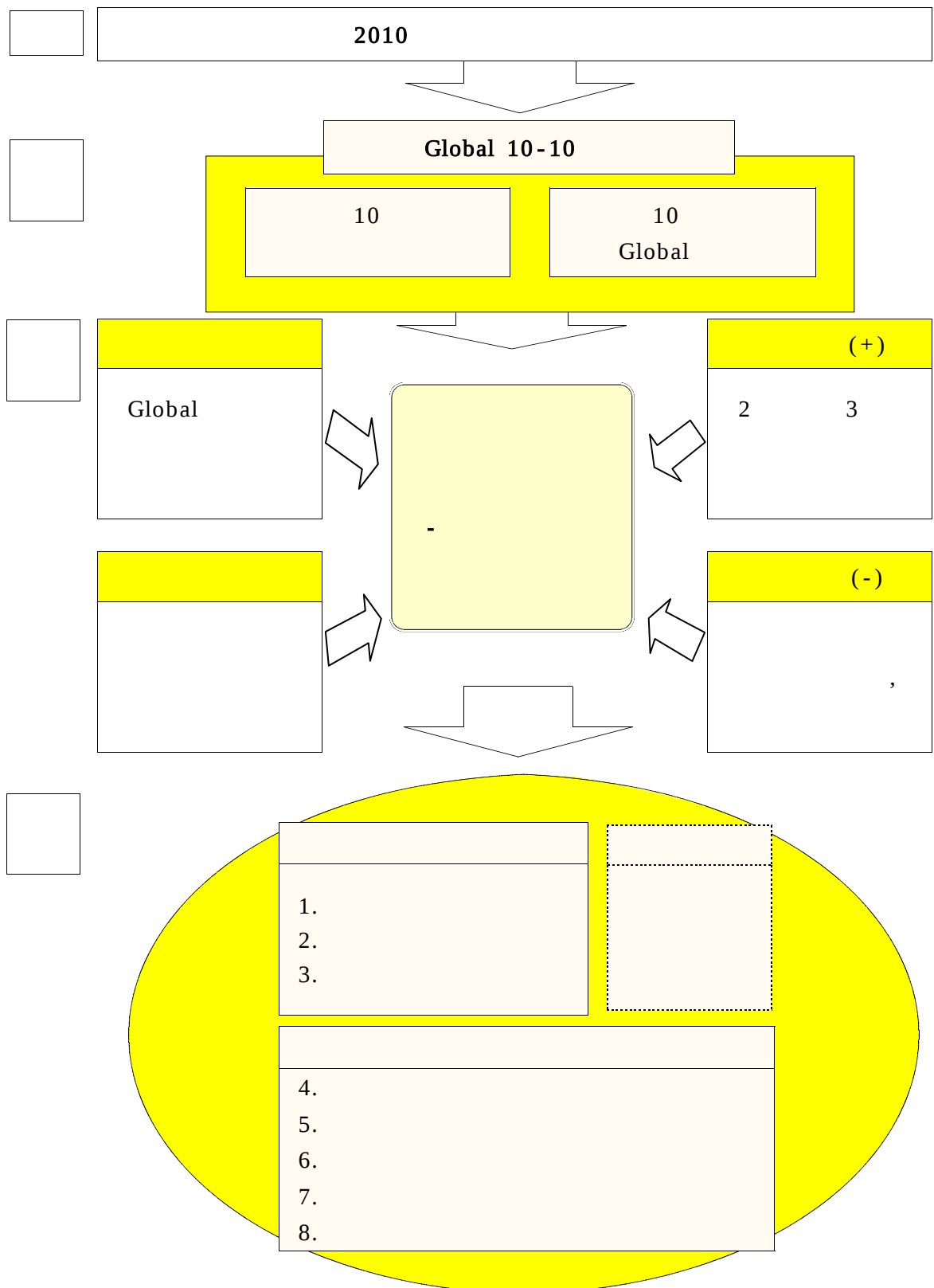
R&D

-

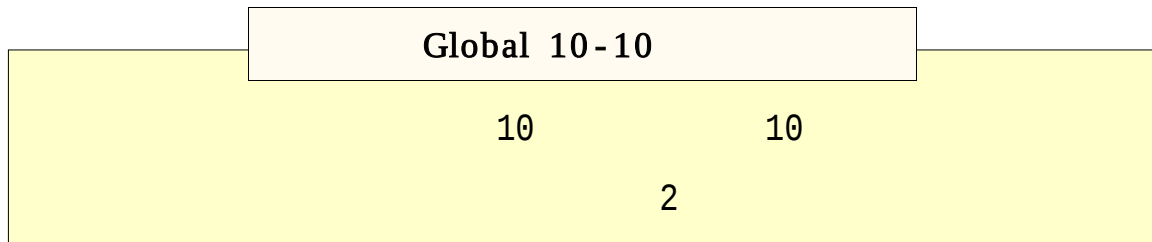
주요 OECD국가의 主力産業

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二万佛 돌파 전략 체계도



1. : 2010 2



1) 10 (Global Competitive Power 10)

□ 2010 2 454 GDP

- GDP : 2002 596 → 2010 1050

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GDP 279

175

→ 175

14 , 7

□ 10 (Global Competitive Power 10)

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2만불 달성의 조건

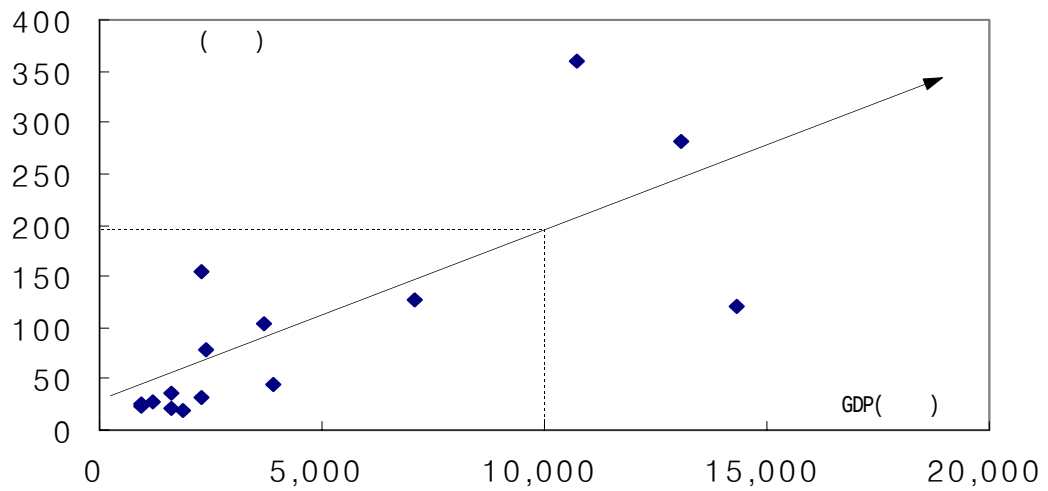


2) 10

(Global Most Admired 10)

□	2	200	1
- 2		GDP 1	
2		1	192
-	1	69	2010
	1	19	
- 1	196		
10			
2002		1	19

이만불 이상 선진국 GDP와 1등 상품 개수 상관관계



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→ 1 →

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□ 2

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10'

(Global Most Admired 10)

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(Big & Strong)

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Top 10

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Top 10

포천誌 선정 '세계에서 가장 존경받는 기업'

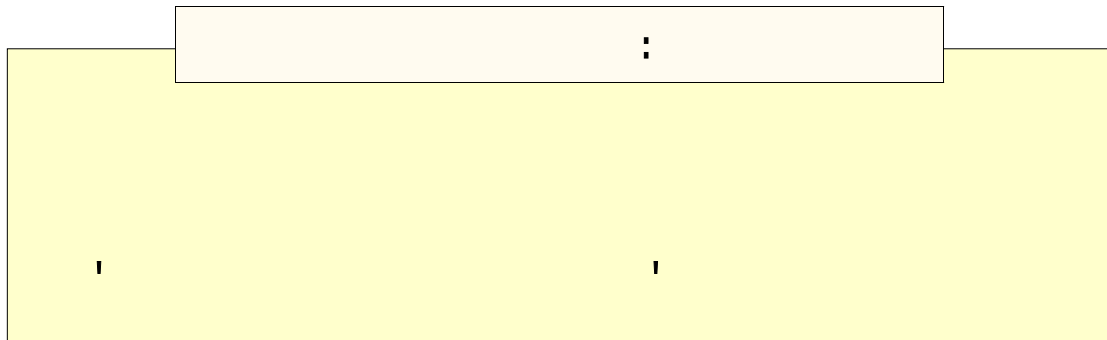
Fortune	Hay Group	345
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세계에서 가장 존경받는 기업 Top 10

1			
2	(GE)		
3			
4			
5			
6			
7	(P&G)		
8	IBM		
9			
10			

: Fortune, 2003. 3

2. : Global 10-10



1) Global 10-10

☐ Global 10-10

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(Global Mega Competition)

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Nut-Cracker

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(dynamism)

(entrepreneurship)

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Global 10-10

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(entrepreneurship)

강소국의 특징

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(Dynamism)

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(rent seeking)

(North & Thomas)



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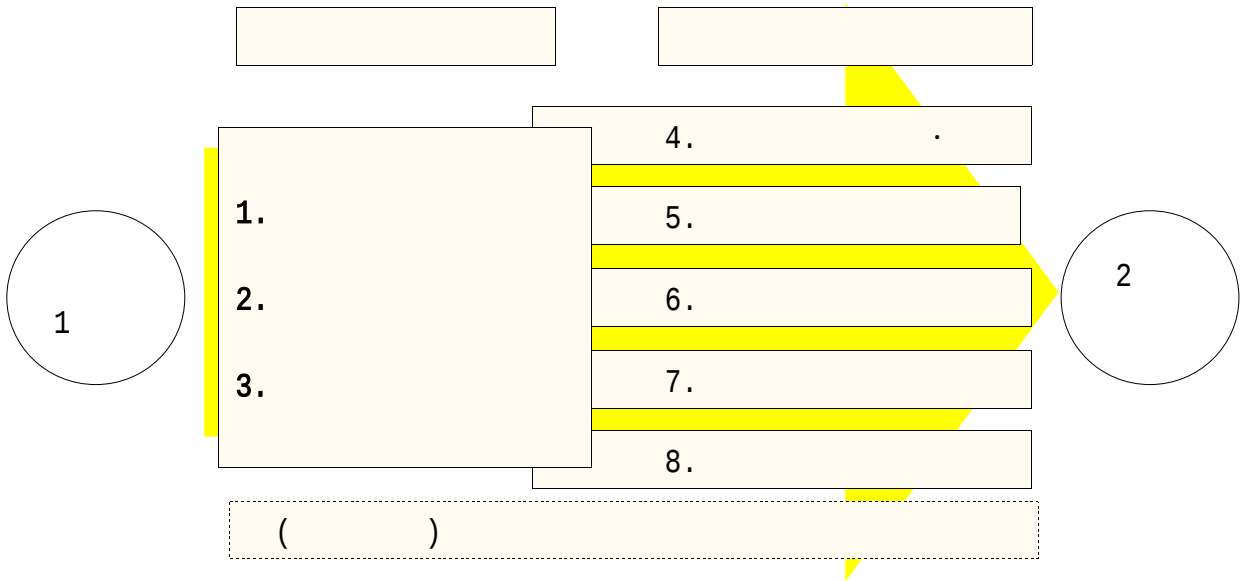


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(3+5)

2만불 진입전략 - “3+5” 과제 추진



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국가리더십의 성공사례

	()	()	()
	- : 70	- 5%	- 80%
	- ,	- '10 2 '1	-
	- (79~90) 2.2 - 2	- (61~70) 11% 3.4	- (49~63) 4.9 - 20

□ G7

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2010 2

□ 2

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- 10 (2003)

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2010

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현안의 처리 방향

	- 2003 ()
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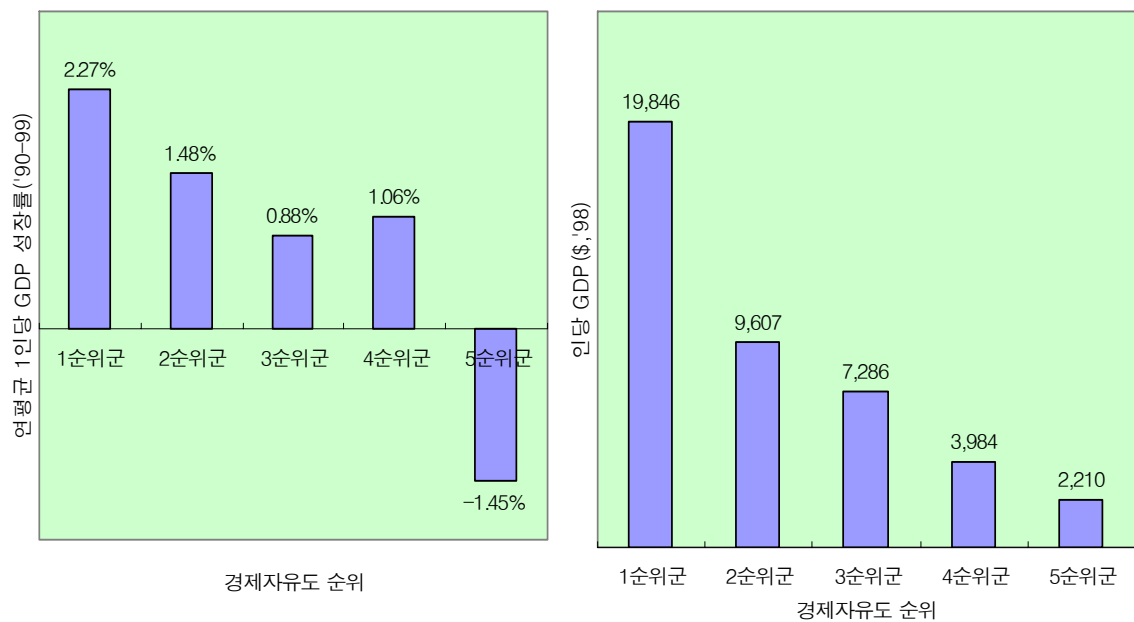
1995~2002

-

80

□

경제자유도와 경제성과



: 5 (1 = 20%, 5 = 20%)

: The Fraser Institute, Economic Freedom of the World 2001 Annual Report

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(negative)

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☐ 200%

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‘Royal’ (

Koninklijke)

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분규로 인한 노동손실일수 추이(千日)



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Catch-up

10대 성장동력별 비전

	()		()		
	02	10	02	10	
	24.3	35.6	67.8	99.1	4.8
	11.9	27.0	17.3	39.1	10.7
	9.5	17.4	23.8	43.7	7.9
	5.5	15.0	9.0	24.4	13.3
	4.2	12.2	6.8	20.1	14.4
	7.1	15.6	14.8	32.6	10.4
	21.4	38.3	48.0	85.9	7.5
	15.0	28.9	32.0	61.5	8.5
	2.2	8.2	3.7	13.9	17.9
	18.2	36.3	34.3	68.3	9.0
	119.4	234.4	257.6	488.6	-

□

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Solution

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- Korea Inside



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R&D



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IT☐ IT

- (IT+), (IT+),
BIT(BT+IT)

☐

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중소기업의 기술경쟁력

80.6	80.6	82.0	83.3	80.0	79.4

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- (63)

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11.6% (1.9%)

6.

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(Brain Drain)

한국의 인재경쟁력 현황(IMD, 2003)

	20	22	22	16

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(War for Talent)

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H1B

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97 7,000

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2000 ‘ ’

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- R&D

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- Charter School,
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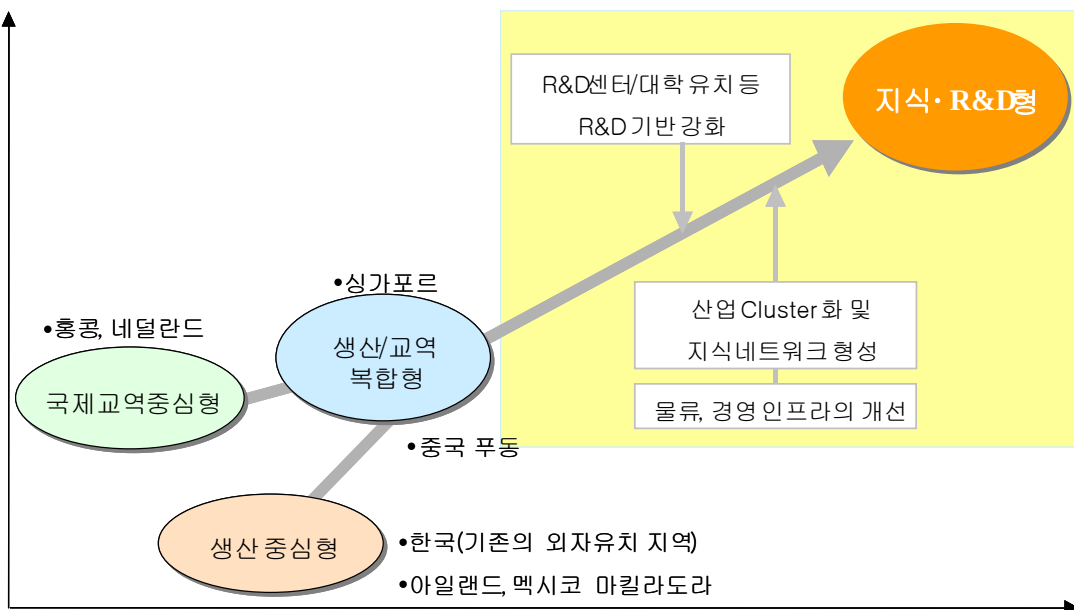
□

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·R&D

한국의 바람직한 경제특구의 모습



☐ R&D

- R&D

☐

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☐ 3

- 3

- 1 : 2010 1 1

- 2 :
2011~2020 1 1

- 3 : ~
2021~2030 8

FTA

☐ FTA

- 3 FTA

- 3

(triangle)

CEO

☐ CEO

- IT CEO

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☐ /

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8.

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- 500 13

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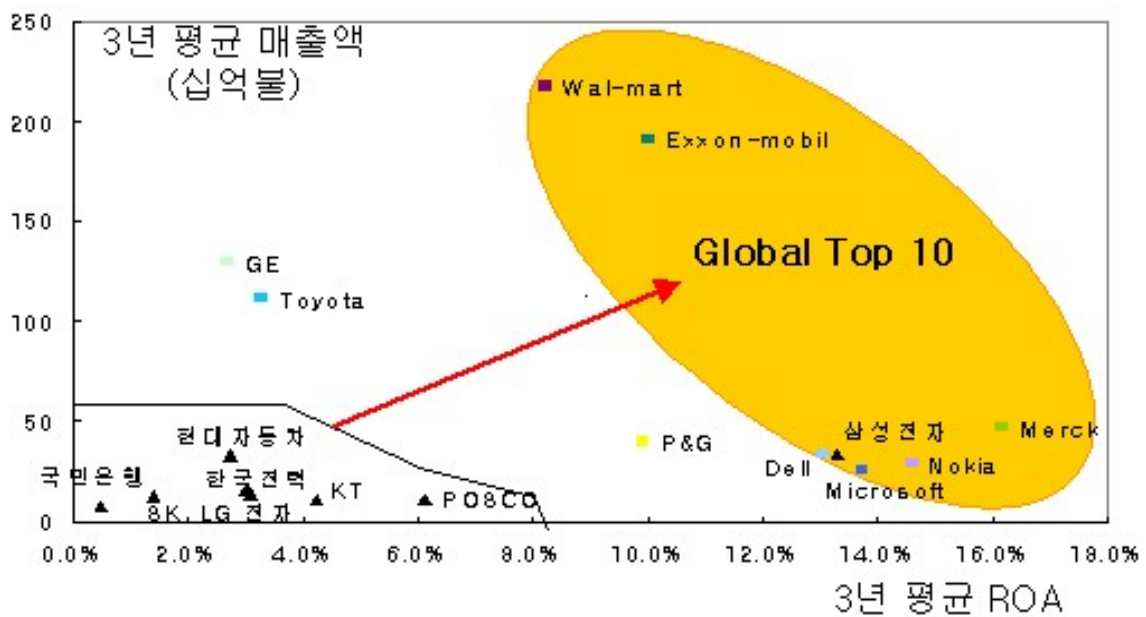
- (ROA: Return on Asset)

100

59 (476) , 29 (13.3%)

200 2 (,)

국내외 주요기업의 매출규모와 수익성



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(Global Most Admired)

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국가별 국경간 전략적 제휴건수

	22,293	9,430	5,966	4,064	4,602	3,245	1,604	1,566	1,566

: OECD (2001.6.27)

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IBM

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						○	○	●	
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		- 200%	-
		- ,	- Pool
		IT M&A	
		-	
		- R&D - , , - CEO	, ,

		(2004)	(2005~2010)
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		-	
		3	
		-	
			3 FTA
		3	

		(2004)	(2005~2010)
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		()	
		E-Business	·
		-	·

		(2004)	(2005~2010)
		E-Business - - /	. .
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		/ /	

		(2004)	(2005~2010)
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		(2004)	(2005~2010)
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g_ l~m l kÖl'f7 ´ e e

h_ Q^m"w¿Rr mvf7 ´ e h

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Ü_ Rsm"m f> ,f>Q°Q^m" ´ g d

b_ l&l zb Q X RslB]bf" 'þRs l e' QßQæZ ´ g d

c_ 9Q X Rsl^ l†x³ c]c Y Z{Z ´ g g

d_ jØßm lB]b a{Zz^W zba X° n a m f> ´ g j

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Ÿ_ eŋj, .S6g& ' h g

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d_ r f Ræb jN{ k jöŵRæd _ e V f7l« ' b b f
e_ snq" ' x u°{ k jöŵRæb _ a V f7l« ' b b h

P_ { e' l&n{ R {[X f7l«{ l^ cJRV a gæ†m ' b b j

b_ lz^ð Wđ7lF ðw2l n X° æf jÖ ð rç æY%a!sn zJk ' b b j
c_ b^ð lF m q" kF X°j l^ b S6m ' b c a

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nŵf m f7l«l^ zJk f7 ' b c c

Ü_ f Y^a a6 Q"f& ' b c d

b_ f 7l «l J v »z z b a 6^ Q "f &z zk . z bR s ' b c d
c_ f7l«sb{Zm m qK k m q" x lz^ u" kŋW Q lz n k ' b c f
d_ b Rrg^ aßnŵRsQ gâŵ"vblB]bl^ m {^lF gæ6e'mv ' b c g

Ÿ_ RsQ qJ': e' {^ b Wæ l^ kJ{Z ' b c h

b_ jNm m S6mv^ { aßzb m b l†m ' b c h
c_ RsQ qJ': b Wæ l z WîS6Q jÖS n£ ' b c i
d_ RsQ qJ': e' {^ b Wæ l z Q n Y& Q W«f7 ' b c j

P_ Qæ{ZjÖX cJ ' b d b

b_ S fzb Qæ{Z n°z ' b d b

c_ b j b Wœ Q n R Q`m"f7l« YZ{Z ' b d c

d_ QæP~Rr b j l J l zb f7l«l^ zJk f7 ' b d d

ß_ v»l cJkfl {[æe ' b d e

b_ ' þ l ^ v »l Q W «f 7j ÖX c J ' b d e

c_ n`fm f7l«lz v»l cJkfl ^,l.^ X jN ' b d e

7

zbRs{ Q`m"gaü"vb ' b d g

Ü_ Q`m"gaü"vb Q"l^ zJk f7 ' b d h

Ý_ zbRs{ Q`m"gaü"vbl^ a/z« ' b d j

b_ Q`m"gaü"vblF jœ†m e¶B ' b d j

c_ Q fRs Y s f ¥ ¥ £ t f ¥ £ "Zl^ w¿f7 ' b e b

d_ zbRs{ Q`m"gaü"vbl^ n`z«m ' b f a

P_ b'>a° zbRs{ Q`m"gaü"vb ' b f d

b_ S6j,b'> ' b f d

c_ S l;b'> ' b f h

d_ V~e†b'> ' b g e

e_ m b b'> ' b g g

8

x t j ¥ ¥ § □ £ b a ' b h a

Ü_ e¶j,cJm k x t b a ' b h b

Ý_ b aX f7l«X¶+ ' b h c

b_ c^Ö Wđ7 v t uRsQ l^ e¶j,Rrmv ' b h d

c_ S6g&,e¶j,l^ _ZQ w¶Yâ ' b h i

d_ zbRs e¶j,l^ z{g¶đ ' b i h

e_ b aX f 7l «X ¶ + a "R z ' b j b

9

x ~ /¥ r £ b a ' b j f

Ü_ S]ba S6j,jÖ X mzQ^a!W S6j, XlB]b ' b j g

b_ S6j,gâ m gæ†t £ j £ ¥ t ¥ « / j Zl^ n k f7 ' b j g

c_ mzQ^a!W S6j,lz n°m zb S]ba k¶\ S6j, ' b j g

Ý_ z bR sm x ~ r l ^ _ fie ~ ' b j j
 b _ zbRsm S]ba mzQ^a!W S6j, Y x ~ r Z ' b j j
 c _ c^ ð zbRsl^ zJk mvQz ' c a b

P_ zbRsl^ cJm k x ~ r b a ' c a j
 b _ RsU" X ybS6j,l^ S]ba l e' ' c a j
 c _ S]ba r k l \ S6j,lJ v »zz a \ a p c^ ð V ò g Æ ' c b b

B_ m"j¾ ' c c a
 b _ n°rîm l~ S6j,Q m g Æ ¥ £ i £ f £ / i Z j j ' c c a
 c _ Q ^ m " n q " Y Æ l ^ e ' e ^ m] ' ð n ^ z « m l ~ l ~ g ^ a m { ^ ' c c b

a ° q fi _ f > Q ° j ð " Q l « m z Q ^ a ! W S 6 j , ' c c d

5	iX r n° R m"
4	RsQ ^ t X Z g ó a ' c c g

Ü_ RsQ ^ t X Z g ð ^ { e { o ' c c i

Ý_ zzk~e t] F ' c d e
 b _ k Rsl^ X q g e' ' c d f
 c _ l a p ^ l z t W Æ g e' ' c d g
 d _ X,l l^ j J X v U k Ö g e' ' c d i
 e _ V * X b \ Y Æ ^ u { R z o l ^ l ^ m s ^ > { Z ' c d j
 f _ j l \ Æ Y Æ ^ X u { ' c e b
 g _ j J ^ z z î w ð x j f X v » j ? ' c e d

P_ c^ ð g Æ R sm { ^ Q ^ ' c e f
 b _ m q K k " k l ^ b R { Z ' c e f
 c _ m q K Q ^ l g Æ X ð ' c e g
 d _ z m l ^ m ' > { Z ' c e h

B_ c Jm a n ^ z « m ' c e j
 b _ Rsm k " k c Jm k l ^ m s ^ z m Y w £ / ¥ £ ¥ § £ ¥ Z ' c e j
 c _ Rrq" m n ^ z « m k e X m \ » r m j Ö n x z ^ j ò RsQ a " m Q t l ~ ' c f b

à_ g Æ q Æ R m " ' c f h
 b _ RsQ c Jm m " g Æ F Rsa Q ß Q X { f 7 ' c f h
 c _ { j N j Ö X z z Q l W i l J U " ^ t Q æ m _ z X ð ' c f i
 d _ Q Y ð m v m g â ^ v b Rrr ' c g a
 e _ n ^ X ° s ; l ^ f f & l B j b V ~ c ^ t g " k * c ^ t m " g Æ q Æ ' c g b
 f _ e t { j N m ^ a a æ Q R n e l s ; l ' f 7 ' c g d
 g _ m b { g Æ z m j á ^ Q { Z ' c g e

Ü_ S 6j,{ ^Q´l ^{ e´{ o´´ c g i
 b _ w 2l b n°R S 6j, { b} + m z ^´´ c g i
 c _ S6j, {b}+ m z^l^ kÖ´´ c g j

Ý_ zzk~et]F´´ c h d

P_ {^Q´ b f#´´ c h i

b _ S 6j, l ^ Q´l´k ¶l k Ö ¢ a´{ Z´´ c h i
 c _ R sm " Q´l´l ^ Q fl{ Z´´ c h j
 d _ Rsa° S6j, l&s^ Q´l´ Q f´´ c i a

ß _ c Jm a n´z «m´´ c i b

à_ gÆq¢R m"´´ c i e

b _ S6j, {b}+ m"Qæ lzb Râm" kJ{Z´´ c i e
 c _ S6j,Q´l´}+ m"Qæ lzb n´a6Rrmv R]. m"X° f*Q°´´ c i j
 d _ X S6j, R¶jy^ j ^x¥£ ^ lzb m"X° m cJ´´ c j c
 e _ sbS6j,m et{ b l S6 mvf7´´ c j d

Ü_ V ~e tR Q´l ^{ e´{ o´´ c j h

Ý_ zzk~et]F´´ d a a

b _ Q" {o´´ d a a
 c _ Rsa f Yª n£Q kF V~etR Q° a´{Z´´ d a b
 d _ et{ {j r n°et]F´´ d b b
 e _ RsQ a° Q´k q>Q _fiX~ cJRV´´ d b g
 f _ gæ†m´´ d b i

P_ c Jm a n´z «m´´ d c b

b _ cJm k V~etR Q°l^ S]ba Q´l´ k¶l { {aæ´´ d c b
 c _ n´z«m k 'þ n´z«m l~ ¥l^ V~etR Q° m q/´´ d c c

ß_ gÆq¢R m"´´ d c d

b _ Rsa f Yª a6n£lJ lzb zbRs § ð E J f æqJuª´´ d c d
 c _ a R kÖ_lz m kflY W V~etR Q°^ mvS6 m q/´´ d c f
 d _ zbRs{ }> l £lfi_fiX~l^ mvS6 m ^´´ d c h
 e _ V~etR Q° zo^†{Z^ lzb m"X° Q"f&´´ d c i
 f _ l l&]bk" S]bQ°j q"Q¶R zbl^ Q {Z´´ d c j

a°qfi b_ k~Rsl^ et{{j r n°et}F ' d d b
 b_ Q" k ' d d c
 c_ f7Qßm l~ et{{j l j l & n~z b RsQ YÆ ' d d c
 d_ et{{j j ÖgÆx.zb RsQ YÆ ' d e c
 e_ e t{ { j l ^ f 7Q ßR g Æx . k l ~ ' d e g
 f_ z bR sj ÖX z b g âe tm ' d e i

a°qfi c_ k~Rsl^ Q^k q>Q_fiX~ ' d e j
 b_ g" kîXz ' d f a
 c_ X, l ' d f d
 d_ z \ g" ' d g a
 e_ k Rs ' d g b
 f_ l ap ' d g c
 g_ zbRs ' d g f
 h_ gâe tm ' d h a

7

f7l«Xß+ a"Rz`l f7 ' d h c

Ü_ c Jm a n~z «m ' d h e

Ý_ eñj, Q`l]+ Q{Z^ lzb gÆeqR m" ' d h g
 b_ m"mvj, l^ \ a_ fq.{Z ' d h h
 c_ z{gò by `S6g&l^ Rseñ{Z ^ | £ z / ' d h j
 d_ t ¥ ^ f i m \» ' d i b
 e_ f'cJg"eñj, l f7 ' d i d
 f_ z Q`l]+ l j n~!X]b {bkfl ^ n~!X m \» ' d i f
 g_ eñj, l^ l ; aßzo{Z ' d i h
 h_ eñj, uz\ø"v6 mvf7 ' d i i

b_ b aX f7l«Xß+a° a"m m \» ' d j b

a°qfi_ v t uRsQ l^ eñj, a° b Q Q s^ a~{ZkF S6jðX° ' e b a

8

n f S6j, {bf7{Z ' e b i

Ü_ n f S6j, l^ {{oR '>m"m ' e c a
 b_ n f S6j, {{o ' e c a
 c_ n f S6j, l^ '>m"m ' e c e

Ý_ n k Rsl^ n f S6j, m qK ' e c i
 b_ 'ßRs ' e c i
 c_ X, l ' e d c

d _ lzg" \ j p ' e d e
e _ l a p ' e d g

P_ n f S6j, l'f7 cJm a m \» ' e e a

b _ c ^ ð g â X n f S 6j , l ^ c Jm ' e e a
c _ n f S6j, l'f7 m \» l ^ m { ^ ' e e b

ß_ gÆq¢R m" ' e e d

b _ f'cJg" ' m a æ m" QßR l-z \ Rrr ' e e d
c _ l l .Q ^ l ' a R r m v m v m r n ° ' e f c
d _ n ^ j ó n g ð ^ u z \ ð " v 6 m v f 7 ' e f f
e _ X S6j, ^ n f S6j, X ð a" m ' e f i

a°qfi b _ l a p n f S6j, m q K l ^ a ¢ q ¢ ' e g a

a°qfi c _ R s a ° n f S6j, m q K c J R V ' e h a

b _ S l ;] f > m " b j ' e h a
c _ n ° | k m q K ' e h c
d _ Q ^ k n ^ X °] m a æ m" Qß ' e h f

a°qfi d _ l a p ^ c b f > S6 n f S6j, l ^ m q K l z V V R _ f l y b ' e h g

9

l-m l k Ö l'f7 ' e h j

Ü_ z b R s l ^ l - l t Q ^ l] + { { o ' e i b

b _ b j a ° Q æ l -] + b m w ' e i b
c _ Q æ l ~] + l ^ g S b l s ^ a { b k f l g n j æ l ' e i f
d _ R V l ' l ^ n , m g n ' ð g ' e i i
e _ Q æ l -] + j Ö X z b z o ^ t m a æ e g â " v b Q ^ j j o ' e j a

Ý_ f & n ° R s l ^ R V l ' Q " { e t] F ' e j e

b _ i ~ f l l ^ R V l ' Q " { ^ w ç - h ç a l Q f l { Z ' e j f
c _ k R s l ^ R V l ' Q " { ^ g æ l & n l ^ m R V l ' Q " { ' e j g
d _ l a p ^ R V l ' Q " { ^ j ð & l W R V l ' ^ s / , z _] + n £ n ° ~ V \ ' e j i
e _ W z n , \ ¢ Y â ^ R V l ' Q " { ^ R V l ' b x ð ~ a g â « k Ö t m Q f l X ° l ' e j j
f _ z \ g " R s ^ z m z _ R V Y v r Z Q " { ' f a e

P_ { ^ Q ^ b f # ' f a d

ß_ R s Q V £ c J m ' f a f

b _ R s Q l - l t j f7 c J m ^ X ð j J l - l t y f n ^ z « ' f a f
c _ R s Q l - l t j f7 m \» ' f a g

à_gEq¢R m" ´ f a i

b_ WîS6R m" ´ f a i

c _ n l «S 6 R m " ´ f b f

:

Q^m"w¿Rr {bf7{Z ´ f c b

Ü _ z bR sl ^ { e ´ { o ´ f c d

b _ e ¶j , Q ßX ¶ Z g ð Z k m "m vj , S 6a l ^ b R : k ¶¶ * ´ f c d

c _ Q^m"w¿RrI^ 'þ b w2_ ´ f c f

d _ gæQ"VVI^ Q^m"w¿RrQ zJk ´ f c j

Ý _ {^Q^ b ¶¶ ´ f d a

b _ XßjJ Q^m"R l^ b e´ k zb ,n ,l Q l^ Q`l ´ f d a

c _ n Rs] g-Q xðzl^ z_c f&m V~]+ ´ f d d

p_ zzk~ e†]F ´ f d i

b _ n k Q^m"w¿RrI^ cJRV ´ f d i

c _ gæ†m ´ f e a

ß _ c Jm a n ˘z «m ´ f e b

à_gEq¢R m" ´ f e h

b _ Q^m"l l&Rrjā l^ Q"m R r n°q"Q° Rrr ´ f e h

c _ g X°R Q^m"w¿RrI^ {[X n˘m ´ f f a

d _ w ¿R r Q "a " a k "k m W æm vn ´ g æ* ´ f f e

e _ Q^m"w¿RrI^ WîQ°m {[X ´ f f g

a°qfi b _ XßjJ z_c Q`l X°gâEQ l^ cJRV ´ f f h

b _ ' B^ ^ z_c] bf "l ^ c JR V b f # ´ f f h

c _ S l ; z_c] bf "l ^ c JR V b f # ´ f g b

d _ n˘gªS6a z_c]bf"l^ cJRV b f # ´ f g e

e _ XßjJ z_c]bf"l^ Q W«f7 ´ f g h

a°qfi c _ g-Q xðzl^ a"m R m R z_c m » ´ f h b

b _ e¶j,Rrmv ´ f h b

c _ g-Q xðzl^ z_c m qK k m"mveªe¶S6n˘jð n˘gªS6a Q^m"jb ´ f h d

:

S6j, S]ba jđ Q {Z ´ f h g

Ü _ S6j,Q`l]+l^ { e´ { o ´ f h i

b _ zbRs X ybS6j,l^ rĭ zb S]ba Q`l]+ ´ f h i

c_ S6j,Q^l]+HF RsQ Q^l]+jÖn`Q¶ ` fia
d_ S]ba S6j,lz c^Ö RsQ gÆ{l^ Q†l~q. ` fib

Ý_ zzk~et]F ` fic

b_ R rm vm vm l J m \ »m g W îl B] b { bk fl ` f i d
c_ 'h gæ7k«jû°lJ m Rÿ a"Rz ` fie
d_ etj,l^ Qæ Q {Z^ n`z« ` fif
e_ a f>Q°m etj,Rrmv^ Rrr ` fig
f_ V*w%Ö¿ {[æejÖn]+ ` fih
g_ jdf"Q W l^†Q^k lJ gÆeq¢ ` fii

P_ c Jm a n`z «m ` f i j

b_ c^ Ö g æ S 6j,{ ^Q ^ ` f j a
c_ zbRsS6j, cJm k x~r baYx ~ /¥ r £ baZ ` fje
d_ Rrq"m n`z«m k dX {gæ gæQ^k ` fjg

ß_ gÆeq¢R m" ` fji

b_ Q^k {fil.f7 a6Q ` fji
c_ S] ba c Jn ca 6 { [X ` g a d
d_ f>Q° bY÷ m"y ca aQ" ` gah
e_ S]ba S6j,gæX° i ba ` gbe

”î(\$

zba X° x`{Zq"m" {[^ ` gbi

Ü_ U fib R Q °l ^ { e ` { o ` g b j

b_ b jNm zb b zbq"m" ` g b j
c_ jNæcb jN e`mz ` g c a
d_ b WijÖZ6^~ R WÆzb S6{ cJkfl Y i i £ ¥ f ¥“ t /¥ Z ` g c b

Ý_ c Jm a n`z «m ` g c d

b_ x ` { Zq "m "Q { [^ ^Y " X ^ \_ R sQ ` g c d
c_ Q ^l `R sY ÆR X Æ z b j Æ z { [a æ ` g c e
d_ zba X°l^ n`m z\_m lzm RÿX {Z ` g c f

P_ gÆeq¢R m" ` g c g

b_ Wÿ zR m" ` g c g
c_ n l «S 6 R m " ` g c j

6

RsQ ^†XZgó et]F

4

r lzt WÆ ge`l^ ð-fl fi 1 ¥ M}~ V æ ` g d c

Ü_ f Yªa6n£Q°{ l^ l^ ` g d d

b_ gVJ^ÖÖRsa f YªlJ |fizb f7Qßm Q^m"mqK ` g d d

c_ f&n°RsJÖn°lzb Q°S6 ´ g d e
d_ Qđ7l«R b a6 ' > m" ^ XŉđÖzzQŉ ´ g d f
e_ a\ n'zb m b jŉflJ m" gâ ´ g d f
f_ fYªa6n£Q°{ R zbRs ´ g d g

Ý_ fYªa6n£Q°{ l^ a6Q`R RsQ ^†XZgó ´ g d h
b_ fYªa6n£Q°{ l^ a6Q^ ´ g d h
c_ RsQ ^†XZgó ´ g d j

P_ fYªa6n£Q°{ l^ Q" k ´ g e d
b_ Wđ7 _flyb ´ g e d
c_ n m R m" ´ g e f
d_ n k m qK ´ g e g
e_ r n° q" m" ´ g e j

ß_ fYªa6n£Q°{ l^ f7R kF f7Qß lz l& ´ g f c
b_ f7R ´ g f c
c_ f7Qß lz l& ´ g f d

à_ gâ†m ´ g f h
b_ m qK m gâ†m ´ g f h
c_ lzt WŒ ^†XZgđ^ RV{, ´ g f j

a °q fi _ n k m q K U "k fl ´ g g c
Ü_ m b Q n`m r n°z b m q K ´ g g c
b_ et{ Q m l ap r flgŒ{Z ´ g g c
c_ l-m W«]+ z«e`R R z_S6g& n°|k ´ g g g
d_ et{ aœl«l^ r flgŒER et{ aßn`l^ z«e´ ´ g g j

Ý_ m b Q a Q b ' > lJ l&X°zb m qK ´ g h b
b _ ' : j ó a Q ^m "{] + l ^ r n° ´ g h b
c_ eŉj,Rrmvl^ Qæ°{ZkF lzn Rrmvl^ kJ{Z ´ g h e

5

jJXvU kÒ ^ \ l-} l^ S6m ´ g i d

Ü_ m { ° X , l l ^ e ` { o ´ g i e

Ý_ jJXvU kÒF jÖzz^zw¾ ´ g i h
b_ t^ Yâ jJXvU kÒY | £ r f £ Z ´ g i i
c_ jŉYâJ jÖzz^zw¾ } f ¢ v £ £ ¥ Z ´ g j e

P_ jJXvU kÒg& l^ Q`m"j,m ´ h a e

6

FI^ jð~ X q ' h a f

Ü_ ðFI^ jð~ æX q ' h a g

b_ Y‡« a6Q^ ' h a g

c_ ðfI^ jð~ æX q I^ Y‡« ' h b f

Ý_ X q ^tn Y ¥ £ / Z ' h b j

b_ X q ^tn Q" k ' h b j

c_ X q ^tn I^ n k U" kfl ' h c a

P_ X q ^tn I^ f7R ' h d b

b_ Q ^m "m f 7R ' h d b

c_ m s ^m f 7R ' h d h

B_ z bR sj Ö n W g æ t m ' h d i

b_ I ~S 6j Ö k z o z ^n ~ j P W Q] +z b ^ t X Z g ó z n k ' h d i

c_ , z o I^ m s ^ I^ X° I I F g æ z ^ Q m S z f z J k ' h d j

d_ V ~e t R Q° j N m R l & j z b V ~ X g æ « l z Q I] + I J m k I ' h e a

7

f&n° c dQ"Rs a"s^,u¿

4

c^ ð W ð7 f&n° R s I^ Q^ z R g æ t m ' h e b

Ü_ c^ ð W ð7 f&n° R s I^ { { o ' h e c

b_ c^ ð W ð7 R s Q I^ Q " k ' h e c

c_ e I j, R m v k F S 6 j, ' h e f

d_ V ~e t R Q ° k F e t { { e ' h e h

Ý_ ð^ b^ ð æ R R s a f Y^ M R m ' h e j

b_ ð, I^ b^ ð æ I F f > Q° Q ß v » { e ' h e j

c_ c^ ð n° I f k S 6 Q R n° I R m ' h f f

P_ c^ ð W ð7 I^ c J Q I ' h f j

b_ m s ^ ^ t X Z g ó B] b R s] + I J Q I n x ' h f j

c_ S 6 j, z ^ S 6 m I F { ^ Q I^ m v f 7 ' h g b

d_ m v » m " m v j, I^ { g æ g æ I « j ú I^ a " R z ' h g e

5

Q R s e t] F ' h g i

b_ ' R s ' h g i

c_ l a p ' h i j

d_ X,l ' i c b
e_ kRs ' i e d
f_ JffNb^zur ' i g e
g_ V~^zkîlz ' i h j
h_ g"kîXz ' i j c
i_ zF\Yâ ' j b b
j_ V*Xb\Yâ ' j c h
b a_ jJl\çYâ ' j e f
b b_ Xz^ur ' j g d
b c_ g"l g" ' j h j
b d_ g-Q xðz ' j j g
b e_ {Sto ' b a b c
b f_ lzg"ljP ' b a c i
b g_ g"x l~ ' b a f b
b h_ Wzn\çYâ ' b a g h
b i_ X^Ò ' b a i h
b j_ xðzw2Q ' b b a d
c a_ Rptg" ' b b b g
c b_ jJ^zzîwðU ' b b c j
c c_ c\nç ' b b e i
c d_ nRs ' b b g d