

02-21-04

 **한국직업능력개발원**

02-21-04

 **한국직업능력개발원**

•	1
1.	1
2.	1
3.	1
4.	2
5.	6
6.	9
• / • •	43
1. / • •	43
2. /	51
•	52
1.	52
2.	56
3.	74
4.	76
[]	81

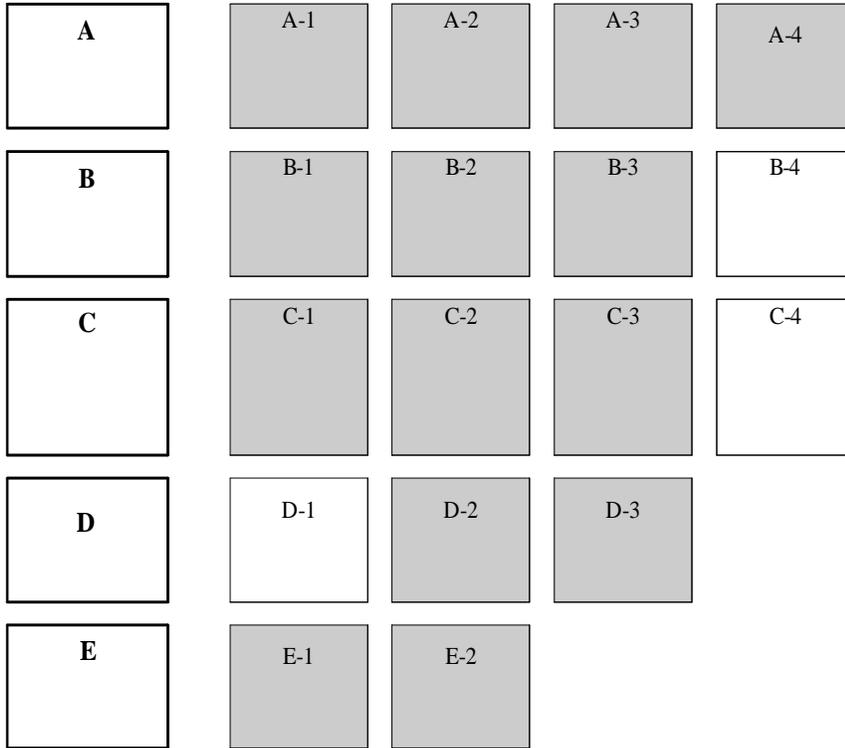
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1. :

2.

, ,
, ,

3.



:

(Key Task)

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	3
	- -
	1,500 ~1,800 ,
	[] , . [] , .

.							
	가 , , , , .						
	VDT , , , .						
.							
	<div style="text-align: center;"> <table border="1" style="margin: 0 auto;"> <tr><td>가</td></tr> <tr><td>K.S.C.O.No. 120</td></tr> </table> <p style="text-align: center;"> </p> <table border="1" style="margin: 0 auto;"> <tr><td>가</td></tr> <tr><td>K.S.C.O.No. 1203</td></tr> </table> <p style="text-align: center;">├───┬───</p> <table border="1" style="display: inline-table; margin-right: 100px;"> <tr><td>K.S.C.O.No. 12031</td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>K.S.C.O.No. 12032</td></tr> </table> </div>	가	K.S.C.O.No. 120	가	K.S.C.O.No. 1203	K.S.C.O.No. 12031	K.S.C.O.No. 12032
가							
K.S.C.O.No. 120							
가							
K.S.C.O.No. 1203							
K.S.C.O.No. 12031							
K.S.C.O.No. 12032							
	2000 , , 가 .						

.				
				● ● ● ● ● ●
	(,)		●	● ●
	(, ,) 가			● ● ● ● ● ● ●
	가			● ● ●
				● ● ● ● ● ● ●
			●	● ● ● ● ● ● ●
				● ● ● ● ● ● ●
				● ● ● ● ● ● ●
				● ● ● ● ● ● ●

(KEY TASK)								
	No							
			1	2	3			
A	1		●			●		● ●
	2			●		●		● ●
	3			●		●		
	4			●		●	●	●
B	1		●			●		●
	2		●			●		●
	3		●			●		●
	4				●	●		●
C	1		●					●
	2		●					●
	3			●				●
	4				●			●
D	1				●			●
	2		●					● ●
	3			●			●	● ●
E	1			●			●	● ●
	2		●					● ●

6.

1.	A-1	
2.		
3.		
(1) (2) (3) (4)	가	● ● ● ●
		●
	(H/ W)	PC,
	(S/ W)	, ,

· , (Related Knowledge, Skill & Attitude)		
(Knowledge)	· · · · · · · ·	(2), (4) (2), (4) (2), (4) (2), (4) (2), (4) (2), (4) (2), (4) (1), (3)
(Skill)	· · ·	(3) (1) (2)
(Attitude)	· , · , · 가	가

1.	A-2	
2.		
3.		
(1) (2) (3)	(, ,)	● ● ●
		●
.	(H/ W)	PC,
	(S/ W)	, ,

. , (Related Knowledge, Skill & Attitude)		
(Knowledge)	<ul style="list-style-type: none"> • • • • • • • • 	(1) (1) (1) (1) (1) (1) (1) (1), (2), (3)
(Skill)	<ul style="list-style-type: none"> • • 	(1), (2) (3)
(Attitude)	, ,	

1.	A-3	
2.		
3.		
(1)		
(2)		
		●
		●
	(H/ W)	PC,
	(S/ W)	, , (Case Tool)

· , (Related Knowledge, Skill & Attitude)		
(Knowledge)	· · · · · · · ·	(2) (2) (2) (2) (2) (2) (2) (2)
(Skill)	· · ·	(2) (1) (1), (2)
(Attitude)	, 가 .	

1.	A-4	
2.		
3.		
(1)	(, ,).	●
(2)		●
(3)		●
		●
	(H/ W)	PC, ,
	(S/ W)	

. , (Related Knowledge, Skill & Attitude)		
(Knowledge)	<ul style="list-style-type: none"> • 	(1) (1) (1) (1) (1) (1) (1) (1), (2) (1), (3) (2)
(Skill)	<ul style="list-style-type: none"> • • • 	(2) (1) (1), (2), (3)
(Attitude)	<ul style="list-style-type: none"> • 	

가.	B-1	
.		
.		
(1) (2) (3) (4) (5)		● ● ● ● ●
	●	
.	(H/ W)	PC,
	(S/ W)	, , , ,

. . . (Related Knowledge, Skill & Attitude)		
(Knowledge)	<ul style="list-style-type: none"> • • • • • UML • • 	<p>(1), (2), (3), (4), (5)</p> <p>(1), (2), (3), (4), (5)</p> <p>(1), (2), (3), (4), (5),</p> <p>(1), (2), (3), (4), (5)</p> <p>(1), (2), (3), (4), (5)</p> <p>(2), (3), (4), (5)</p> <p>(2), (3), (4), (5)</p>
(Skill)	<ul style="list-style-type: none"> • • • GUI • • 2D, 3D • • • • • • 	<p>(2), (3), (4)</p> <p>(2), (3), (4)</p> <p>(1), (2), (3), (4)</p> <p>(3), (4)</p> <p>(2), (3), (4)</p> <p>(1), (2), (3), (4)</p>
(Attitude)		

· · · (Related Knowledge, Skill & Attitude)		
(Knowledge)	· · · · GUI · · · · · ·	(1), (4), (6), (7), (8) (1), (3), (6), (7), (8) (1), (2), (6), (7), (8), (1), (6), (8) (1), (4), (5), (6), (7), (8) (1), (2), (3), (4), (5), (7), (8) (1), (2), (3), (4), (5), (6), (7), (8)
(Skill)	· GUI · · · 2D, 3D · · · · · ·	(1), (4), (5), (6) (1), (2), (3), (4), (5), (6), (7) (1), (2), (3), (4), (5), (6), (7) (1), (4), (6), (7) (1), (3), (5), (6), (7) (1), (2), (3), (4), (5), (6), (7) (2), (5), (6) (1), (2), (3), (4), (5), (6), (7) (1), (2), (3), (4), (5), (6), (7) (1), (2), (3), (4), (5), (6), (7)
(Attitude)	가 , ·	

가.	B-3	
·	,	
·		
(1) (2) (3) (4) (5)	·	● ● ● ● ●
	●	
·	(H/W)	PC,
·	(S/W)	, , , ,

· · · (Related Knowledge, Skill & Attitude)		
(Knowledge)	· · · · · · · · · ·	(1), (2), (3), (4), (5) (1), (2), (3), (4), (5) (1), (2), (3), (4), (5) (1), (2), (3), (4), (5) (1), (2), (5) (2), (3), (4), (5) (1), (2), (3), (4), (5) (3), (5) (3), (5) (1), (2), (3), (4), (5) (1), (2), (3), (4), (5)
(Skill)	· GUI · · · 2D, 3D · · · · · · ·	(1), (2), (3), (4) (1), (2), (3), (4) (1), (2), (3), (4) (1), (2), (3), (4) (1), (2), (3), (4) (2), (3), (4) (2), (3), (4) (1), (2), (3) (2), (3), (4) (1), (2), (3) (1), (2), (3), (4)
(Attitude)	가 , , , . 가 , 가 .	

가.	B-4	
·		
·		
(1) (2) (3) (4)	· · · ·	● ● ● ●
		●
·	(H/ W)	PC,
	(S/ W)	, , , , ,

• • • (Related Knowledge, Skill & Attitude)		
(Knowledge)	<ul style="list-style-type: none"> • • GUI • • 	<p>(1), (2), (3), (4)</p> <p>(1), (2), (3), (4)</p> <p>(1), (2), (3), (4)</p> <p>(1), (2), (4)</p>
(Skill)	<ul style="list-style-type: none"> • GUI • • 2D, 3D • • • 	<p>(1), (2)</p> <p>(1), (2), (3)</p> <p>(1), (2), (3)</p> <p>(1), (2), (3)</p> <p>(1), (2)</p> <p>(1), (2)</p>
(Attitude)		•

가.	C-1	
.		
.		
(1)		●
(2)		●
(3)		●
(4)		●
(5)		●
(6)		●
		●
.	(H/ W)	PC, ,
.	(S/ W)	, , ,

· · · (Related Knowledge, Skill & Attitude)		
(Knowledge)	<ul style="list-style-type: none"> · (SDK) · · · · · · 	<ul style="list-style-type: none"> (1), (2), (3), (4), (5), (6) (1), (2) (1), (2), (3), (4) (1), (3), (4) (1), (2) (3), (4) (1), (2), (3), (4)
(Skill)	<ul style="list-style-type: none"> · · · · · · · 	<ul style="list-style-type: none"> (1), (2), (3), (4) (1), (3), (6) (3) (2), (3), (4) (5), (6) (6) (2), (3), (4)
(Attitude)	<p>가</p> <p>,</p> <p>,</p> <p>.</p>	

가.	C-2	
.		
.		
(1)	<p>(, I/O, ,) .</p> <p>(, , , , ,) .</p>	●
(2)		●
(3)		●
(4)		●
		●
.	(H/ W)	PC, ,
	(S/ W)	, ,

. . . (Related Knowledge, Skill & Attitude)		
(Knowledge)	<ul style="list-style-type: none"> • (SDK) • 	<p>(1), (2), (3), (4)</p> <p>(1), (2), (3), (4)</p> <p>(2), (4)</p> <p>(2), (4)</p> <p>(2), (4)</p> <p>(2), (4)</p> <p>(2), (3), (4)</p> <p>(3), (4)</p> <p>(3), (4)</p> <p>(3), (4)</p> <p>(3), (4)</p> <p>(1), (2), (3)</p> <p>(1), (2), (3), (4)</p>
(Skill)	<ul style="list-style-type: none"> • • • • • • 	<p>(2), (4)</p> <p>(1), (2), (3), (4)</p> <p>(2), (3)</p> <p>(2), (3), (4)</p> <p>(4)</p> <p>(1), (2), (3)</p>
(Attitude)		

가.	C-3	
.		
.		
(1)		●
(2)		●
(3)		●
(4)		●
		●
.	(H/W)	PC, ,
	(S/W)	, ,

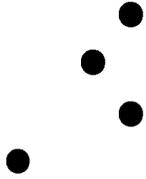
. . . (Related Knowledge, Skill & Attitude)		
(Knowledge)	<ul style="list-style-type: none"> • 	<p>(1), (2), (3), (4), (5), (6)</p> <p>(3), (4), (5)</p> <p>(1), (2), (5), (6)</p> <p>(1), (5)</p> <p>(6)</p> <p>(3), (4), (5), (6)</p> <p>(1), (3), (4), (5)</p> <p>(3), (5)</p> <p>(3), (5)</p> <p>(3), (5)</p> <p>(1), (2), (3), (4), (5)</p> <p>(1), (2), (3), (4), (5), (6)</p> <p>(1), (2), (3), (5)</p>
(Skill)	<ul style="list-style-type: none"> • • • • • 	<p>(1), (2), (3), (5)</p> <p>(3), (4), (6)</p> <p>(3), (4), (6)</p> <p>(3), (5), (6)</p> <p>(1), (2), (3), (4), (5)</p>
(Attitude)		

가.	C-4	
·	·	
·		
(1) (2) (3) (4) (5) (6)	· · · · · ·	● ● ● ● ● ●
		●
·	(H/ W)	PC, ,
·	(S/ W)	, ,

. . . (Related Knowledge, Skill & Attitude)		
(Knowledge)	<ul style="list-style-type: none"> • • • • • • • • 	<p>(2), (3), (4), (5)</p> <p>(1), (2), (3), (4), (5)</p> <p>(6)</p> <p>(1), (2), (3), (4), (5), (6)</p> <p>(3), (4), (5)</p> <p>(3), (4), (5)</p> <p>(3), (4), (5)</p> <p>(3), (4), (5)</p> <p>(1), (2), (3), (4), (5), (6)</p>
(Skill)	<ul style="list-style-type: none"> • • • • • 	<p>(3), (4), (5)</p> <p>(2), (3), (4), (5)</p> <p>(2), (3), (4), (5)</p> <p>(4), (5), (6)</p> <p>(6)</p>
(Attitude)		

1.	D-1	
2.		
3.		
(1)	(가)	●
(2)		●
(3)		●
(4)		●
(5)		●
(6)		●
		●
	(H/ W)	() , PC,
	(S/ W)	, ,

. , (Related Knowledge, Skill & Attitude)		
(Knowledge)	. . . . . . .	(2), (4) (1), (2), (3), (4), (6) (3) (3) (3) (2), (3), (4), (5), (6) (2), (3), (4), (5), (6)
(Skill)	. . . .	(2), (3), (4), (5), (6) (2), (3) (6) (1), (2), (5), (6)
(Attitude)	, .	

1.	D-2	
2.		
3.		
(1) (2) (3) (4)		
		
	(H/ W)	, PC,
	(S/ W)	, ,

. , (Related Knowledge, Skill & Attitude)		
(Knowledge)	. . . . . . (SDK)	(1), (2), (3), (4) (3) (1), (2), (3) (1), (2), (3) (1), (2), (3) (1), (2), (3)
(Skill)	. . . . .	(1), (2) (1), (2), (3) (1), (2), (3) (1), (2) (4)
(Attitude)		, , ,

1.	D-3	
2.		
3.		
(1) (2) (3)		● ● ●
		●
.	(H/ W)	PC,
	(S/ W)	,

. , (Related Knowledge, Skill & Attitude)		
(Knowledge)	. . . .	(2), (3) (1), (2), (3) (1), (2), (3) (2), (3)
(Skill)	. . .	(1), (3) (2), (3) (1), (2)
(Attitude)	, , .	, .

1.	E-1	
2.		
3.		
(1) (2) (3) (4) (5)	(가)	<ul style="list-style-type: none"> ● ● ● ● ●
		●
	(H/ W)	(), PC,
	(S/ W)	

. , (Related Knowledge, Skill & Attitude)		
(Knowledge)	. . . . . .	(1), (3), (4) (1), (3), (4) (1), (2), (3), (4), (5) (1), (3), (4) (1), (3), (4) (1), (3), (4)
(Skill)	. . . . . . .	(3), (4) (1), (4), (5) (1), (3), (4) (1), (3), (4) (1), (3), (4) (5) (2), (3), (4)
(Attitude)		

1.	E-2	
2.	, , 가	
3.		
(1) (2) (3) (4) (5)	, , 가	● ● ● ● ●
		●
.	(H/ W)	(), , PC,
	(S/ W)	, , ,

· , (Related Knowledge, Skill & Attitude)		
(Knowledge)	· · · · · · · · · ·	(1), (2), (3), (4) (2) (2) (1), (3), (4) (1), (2), (3), (4) (1), (3), (4) (1), (2), (3), (4) (1), (3), (4) (1), (2), (3), (4) (1), (2), (3), (4) (1), (3), (4)
(Skill)	· 가 · · · · · · ·	(1), (4) (2), (4) (1), (2), (3), (4) (1), (2), (4) (1), (2), (4) (1), (2), (4) (3) (5)
(Attitude)	가 가	, , , ·

. / . .

1. / . .

가. /

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
U M L (S D K)															
A-1					●						●	●	●	●	
A-2											●	●		●	
A-3											●	●		●	
A-4								●	●		●	●		●	
B-1	●		●	●						●	●				
B-2				●							●	●		●	
B-3				●						●	●	●		●	
B-4				●						●	●				
C-1		●			●								●		
C-2		●	●		●							●			●
C-3			●		●							●		●	
C-4			●		●		●					●		●	
D-1					●	●	●							●	
D-2		●	●		●		●								
D-3						●									
E-1					●							●		●	
E-2		●	●		●			●	●			●		●	

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A1									●			●		●	
A2					●				●		●	●			
A3					●				●		●	●			
A4									●	●	●	●			
B1					●										
B2			●						●		●				
B3			●		●				●		●				
B4							●								
C1															
C2	●		●			●			●			●	●		
C3		●					●		●						●
C4		●													
D1				●											
D2							●								
D3		●													
E1				●			●								
E2				●				●							

	31	32	33	34	35	36	37										
A-1					●												
A-2					●												
A-3					●												
A-4					●												
B-1				●		●											
B-2				●		●											
B-3						●											
B-4																	
C-1						●											
C-2	●	●			●	●											
C-3	●				●	●											
C-4			●		●		●										
D-1							●										
D-2			●		●		●										
D-3							●										
E-1							●										
E-2					●		●										

. /

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	2D, 3D															
A1							●			●						
A2						●	●									
A3							●									
A4										●						
B1	●		●	●			●	●				●	●			
B2	●			●			●		●			●	●			
B3	●			●			●		●			●	●			
B4	●			●			●		●							
C1		●					●	●							●	
C2		●					●	●							●	
C3		●					●	●							●	
C4		●					●	●							●	●
D1					●		●	●								
D2							●	●							●	
D3					●		●	●								
E1					●		●					●		●		
E2							●	●		●	●	●		●		

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
							GUI					가			
A1								●		●	●				
A2															
A3								●							
A4	●					●	●		●						
B1															
B2	●						●		●						
B3	●					●	●								●
B4	●						●		●	●					●
G1								●		●				●	
G2								●		●				●	●
G3								●		●					●
G4													●		
D1				●				●							
D2								●							
D3			●					●							
E1		●						●							
E2		●	●					●				●			

	31	32	33	34	35	36	37	38	39	40	41				
							GUI								
A1															
A2															
A3									●	●					
A4										●					
B1															
B2	●					●									
B3	●							●							
B4															
C1															
C2															
C3															
C4											●				
D1															
D2	●														
D3															
E1		●	●		●										
E2		●													

. /

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	P C														
A1	●	●				●									
A2	●	●				●	●								
A3	●	●				●		●							
A4	●	●	●			●			●	●	●	●			
B1	●	●				●			●		●	●	●		
B2	●	●				●			●		●	●	●	●	
B3	●	●				●			●		●	●	●		
B4	●	●				●					●			●	
G1	●	●		●		●					●				●
G2	●	●		●		●					●				●
G3	●	●		●		●					●				●
G4	●	●		●		●									●
D1	●	●			●	●					●				
D2	●	●		●		●									
D3	●	●				●									
E1	●	●			●	●									
E2	●	●		●	●	●									

	16	17	18	19	20													
A1	●																	
A2	●																	
A3																		
A4																		
B1																		
B2																		
B3																		
B4																		
C1																		
C2																		
C3																		
C4																		
D1	●	●	●															
D2		●																
D3				●	●													
E1																		
E2																		

2. /

	1	2	3	4					
A1	●	●		●					
A2	●	●		●					
A3	●	●		●					
A4	●	●		●					
B1		●	●	●					
B2		●	●	●					
B3		●	●	●					
B4		●	●	●					
G1		●	●	●					
G2		●	●	●					
G3		●	●	●					
G4		●	●	●					
D1		●		●					
D2		●	●	●					
D3		●		●					
E1		●	●	●					
E2		●	●	●					

1.

				:	
				:	
				()	
1.		[: 200]			
2.		80		●	
		120		●	
		PC,			
		, . ,			
()					

:			
:			
	.		
		()	
		[: 400]	
1.		60	●
2.		200	●
3.		80	●
4.		60	●
	, ,		
	, , , , ,		
()			

:			
:			
	,		
		()	
		[: 600]	
1.		48	●
2.		48	●
3.		48	●
4.		48	●
5.		48	●
6.		48	●
7.	I	60	●
8.	II	84	●
9.	III	84	●
10.	IV	84	●
	PC, ,		
	, . , ,		
()	,		

:			
:			
	,		
		()	
1.		[: 400] 60	●
2.		340	●
	PC,		
	,		
()	,		

2.

:		
:		
	.	
		[: 80]
1.	가. .	12
2.	가. .	12
3.	가. .	36
4.	가. .	20
	PC,	
	, . , ,	
()		

:		
:		
	.	
		[: 120]
1.	가. . . 가. PC .	12
2.	. . . .	48
3.	가. . .	12
4.	가. . .	12
5.	가. . .	36
	PC,	
	, . ,	
()		

:		
:		
		.
		[: 60]
1.	가. . .	24
2.	가. C.G . 2D . 3D	24
3.	가. . . . ☒	12
	PC,	
	,	
()		

:		
:		
		[: 200]
1.	가. GUI . 2D . Animation .	60
2.	가. Arcade . Simulation . RPG .	60
3.	가. 3D . . 3D World . .	80
	PC, ,	
	, ,	
()	,	

:		
:		
	, .	
		[: 80]
1.	가. · · ·	24
2.	가. · ·	36
3.	가. · ·	20
	PC, ,	
	, , ·	
()	, ,	

:		
:		
	, .	
		[: 60]
1.	가. . .	20
2.	가. . .	20
3.	가. . .	20
	PC, , ,	
	, , .	
()	, , ,	

:		
:		
	,	
	.	
		[: 48]
1.	가. .	6
2.	가. .	6
3.	가. .	18
4.	가. .	18
	PC,	
	,	
()		

:		
:		
		[: 48]
1.	가. · Recursion	12
2.	가. · ·	12
3.	가. · · Heaps · Union-Find ·	24
	PC,	
	,	
()	,	

:		
:		
	,	
		[: 48]
1.	가. · ·	6
2.	가. · · · ·	21
3.	가. ·	21
	PC, ,	
	, · ,	
()	,	

:		
:		
	,	
		[: 48]
1.	가. .	9
2.	가. . .	12
3.	가. . WAN LAN . TCP/IP	15
4.	가. . .	12
	PC,	
	,	
()	,	

:		
:		
	.	
		[: 48]
1.	가. . . .	6
2. 2D	가. . . .	12
3. 3D	가. . . . (Quaternion) . . . () . . . (Culling) . LOD(Level of detail)	24
4.	가. OpenGL . DirectX	6
	PC,	
	,	
()	, ,	

:		
:		
	,	
		[: 48]
1.	가. .	12
2.	가. . . .(heuristic)	12
3.	가. LISP . PROLOG	6
4.	가. .	9
5.	가. .	9
	PC,	
	,	
()	, , , ,	

:		
: I		
	C	,
	,	.
		[: 60]
1.	가. ·	6
2. C	가. C · · ·	15
3. C	가. · · ·	15
4. C	가. · ·	24
	PC,	,
	,	
()	,	

:		
: II		
		, C++ Java
		[: 84]
1.	가. · ·	12
2.	가. · ·	12
3.	가. · · ·	24
4.	가. · · · (C++, Java)	36
	PC, ,	
	,	
()	, , ,	I

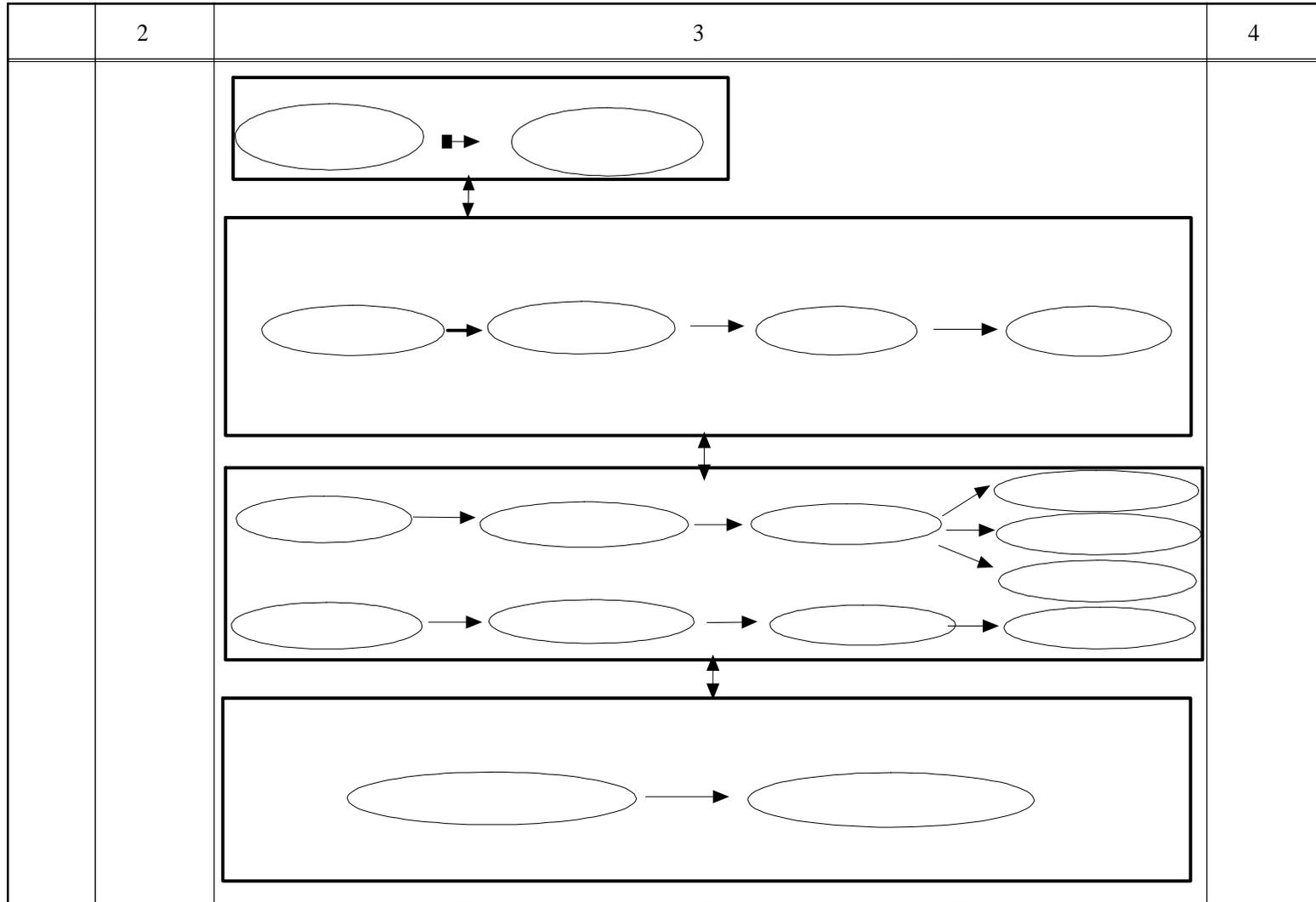
:		
: III		
		[: 84]
1.	가. · ·	18
2.	가. · 2D 3D ·	18
3.	가. · ·	18
4.	가. · ·	30
	PC, ,	
	, · ,	
()	, , , , , I/II	

:		
: IV		
		[: 84]
1.	가. · · · 가	24
2.	가. · ·	24
3.	가. · 가	36
	PC, ,	
	, · , ,	
()	, , I/ II/ III	

:		
:		
		[: 60]
1.	가. ·	24
2.	가. · · ·	36
	PC,	
()	, ,	

:		
:		
	, .	
		[: 340]
1.	(Pre-Production)	가. · 가. · · · · 가. · · ·
2.		60
3.		160
	PC,	
()	, ,	

3.



	4가
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4.

가. 1 ()

	가	
	가 .	
	()	
1.	(20%)	1. 2. 3.
	(20%)	1. 2. 3.
	(10%)	1. 2.
	(10%)	1. 2. 3.
	(20%)	1. PC 2. 3. 4. 5.
	(5%)	1. 2. 3.
	(5%)	1. 2. 3.
	(10%)	1. 2. 3.

	()		
2.	(10%)	1. 2. 3. 4. 5.	
	(10%)	1. 2. 3. 4. 5. 6.	
	(10%)	1. 2. 3. 4. 5. 6. 7. 8. 9.	
	(10%)	1. 2. 3. 4. 5. 6. 7. 8. 9.	
	(10%)	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. LOD(Level of detail) 11. 3D 12.	
	(10%)	1. 2. 3. 4. 5. 6. 7. 8. 9. (Culling)	
	(5%)	1. 2. 3. 4.	
			TCP/ IP

	()	
2.	<p>(5%)</p> <p>C (5%)</p> <p>(20%)</p> <p>(15%)</p>	<p>1.</p> <p>2.</p> <p>3. SQL</p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>1.</p> <p>2. C++ Java</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>8.</p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4. 가</p> <p>5.</p>
3.	<p>(10%)</p> <p>(50%)</p>	<p>1.</p> <p>2.</p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4. 3D world</p> <p>5.</p> <p>6.</p> <p>7. 3D</p> <p>8. GUI</p> <p>9. Sound</p>

. 2

	가	
	SDK 가 .	
	1. (20%) 2. (30%) 3. (30%) 4. 가, (20%)	1. SDK 2. 1. 2. 3. 4. 5. 1. 2. 3. 4. 1. 2. 3. 가 4.
	PC, (SDK),	
	,	

[]

1.

			PC ,
LG			VIDEO

()

2.

		1998	98 - 6 - 01
		1998	98 - 6 - 02
		1998	98 - 6 - 03
		1998	98 - 6 - 04
	가	1998	98 - 6 - 05
		1998	98 - 6 - 06
		1999	99 - 9 - 01
		2000	00 - 15 - 01
	가	2002	02 - 21- 01
		2002	02 - 21- 02
		2002	02 - 21- 03
		2002	02 - 21- 04
		2002	02 - 21- 05
		2002	02 - 21- 06
		2002	02 - 21- 07
		2002	02 - 21- 08
		2002	02 - 21- 09
	가	2002	02 - 21- 10
		1998	98 - 6 - 07
		1999	99 - 9 - 02
		1999	99 - 9 - 03
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		2000	00 - 16 - 03
		2000	00 - 17 - 04
		2000	00 - 19 - 05
		1998	98 - 6 - 08
		1998	98 - 6 - 09
		1998	98 - 6 - 10
		1999	99 - 9 - 04
		1999	99 - 9 - 05
		1999	99 - 9 - 06
		1999	99 - 9 - 07
		1999	99 - 9 - 08
		2000	00 - 21- 06
		2000	00 - 20 - 07
		2000	00 - 22 - 08
	가	2001	01 - - 01
		2001	01 - - 02
	CRM 가	2001	01 - - 03
	가(CE)	2001	01 - - 04
		2001	01 - - 05
		2001	01 - - 06
	PD	2001	01 - - 07
		2001	01 - - 08
		2001	01 - - 09
		2001	01 - - 10
		2000	00 - 23 - 09

		1998	98 - 6 - 11
		1998	98 - 6 - 12
		1998	98 - 6 - 13
		1998	98 - 6 - 14
	.	1999	99 - 9 - 09
		1999	98 - 6 - 15
		1999	98 - 6 - 16
		2000	00 - 24 - 10
		2000	00 - 25 - 11
		2000	00 - 26 - 12
		1998	98 - 6 - 17
		1998	98 - 6 - 18
		1998	98 - 6 - 19
		1998	98 - 6 - 20
		1999	99 - 9 - 10
		2000	00 - 27 - 13
		1999	99 - 9 - 11
		1999	99 - 9 - 12



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