NATIONAL UNIVERSITY OF SINGAPORE

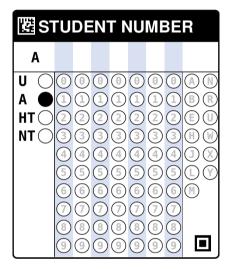
CS3241 — Computer Graphics

AY2022/2023 Semester 1

Final Assessment

Time Allowed: 2 Hours

ANSWER SHEET



(1) [5 marks]

gluLookAt(

(2) [8 marks]

glFrustum(
gluLookAt(

(3) [5 ma	arks] (MO	C Q)					
O A	\bigcirc B	\bigcirc C	\bigcirc D	\bigcirc E	\bigcirc F	\bigcirc G	ОН
(4) [3 ma	nrks] (MO	CQ)					
O A	\bigcirc B	\bigcirc C	\bigcirc D	\bigcirc E	\bigcirc F	\bigcirc G	\bigcirc H
(5) [5 ma	arks]						
(6) [4 ma	nrks] (MC	C Q)					
O A	ОВ	\bigcirc C	\bigcirc D	\bigcirc E	\bigcirc F	\bigcirc G	ОН
(7) [3 ma	nrks] (MO	CQ)					
O A	О В	\bigcirc C	\bigcirc D	○ E	○ F	\bigcirc G	ОН
(8) [3 ma	nrks] (MO	CQ)					
O A	ОВ	\bigcirc C	\bigcirc D	○ E	\bigcirc F	\bigcirc G	ОН

(9) [5 ma	arks]							
Ideal mipmap level:								
(10) [2 n	narks]							
Texture co	ordinates:							
(11) [2 n	narks] (M	ICQ)						
O A	\bigcirc B	\bigcirc C	\bigcirc D	○ E	○F	\bigcirc G	ОН	
(12) [3 n	narks] (M	ICQ)						
○ A	\bigcirc B	\bigcirc C	\bigcirc D	\bigcirc E	\bigcirc F	\bigcirc G	ОН	
(13) [3 n	narks] (M	ICQ)						
○ A	\bigcirc B	\bigcirc C	\bigcirc D	\bigcirc E	\bigcirc F	\bigcirc G	ОН	
(14) [3 marks] (MCQ)								
○ A	\bigcirc B	\bigcirc C	\bigcirc D	\bigcirc E	\bigcirc F	\bigcirc G	\bigcirc H	
(15) [4 n	narks] (M	ICQ)						
O A	○ B	\bigcirc C	○ D	○ E	○ F	\bigcirc G	ОН	

(16) [5 marks] (MCQ)							
O A	O B	\bigcirc C	\bigcirc D	○ E	○F	\bigcirc G	ОН
(17) [5 m	narks] (M	(CQ)					
○ A	O B	\bigcirc C	\bigcirc D	\bigcirc E	\bigcirc F	\bigcirc G	ОН
(18) [4 m	narks]						
x(u) =							
<i>y</i> (<i>u</i>) =							
(19) [4 m	narks]						
$\mathbf{p}_0 =$							
$\mathbf{p}_1 =$ $\mathbf{p}_2 =$							
$\mathbf{p}_3 =$							
(20) [5 m	narks]						
$\mathbf{p}_0 =$							
$\mathbf{p}_1 =$							
$\mathbf{p}_2 =$ $\mathbf{p}_3 =$							
-							

(21)	[5	marks]
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(22) [4 marks]

$\mathbf{s}_0 =$		
$ \mathbf{s}_1 =$		
$\mathbf{s}_2 =$		
$\mathbf{s}_3 =$		

——— END OF ANSWER SHEET ———