

Name: _____

Quiz 5 : Graph Theory (Key)

ID: _____ No. _____

ANSWER SHEET for Quiz 5A**Part A:** Choose the correct answer.

No 1	a	No	b	Yes	c	No
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No. 2	K_5	C_5	Q_5	W_5	$K_{2,3}$
Number of vertices	5	5	32	6	5
Number of edges	10	5	80	10	6
Bipartite or not (Yes/No)	No	No	Yes	No	Yes

No.	Answer			
3	a	1	b	4
	c	5	d	2
	e	3		

4	156	5	630	6	12
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No. 7	A	B	C	D	E	F
G	1	0	1	2	2	2

No.	Answer			
8	a	4	b	6
	c	9	d	12

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Part B: Choose the correct answer and provide the **X** mark.

No.	Choice				No.	Choice			
	a.	b.	c.	d.		a.	b.	c.	d.
9.				x	13.		x		
10.			x		14.				x
11.			x		15.			x	
12.				x					

Provide an answer in terms of **INTEGER ONLY**.

No.	Answer			
16	321		17	600
18	18.1	4	18.2	2
	18.3	19	18.4	42

Part C: Choose the correct answer and provide the **X** mark.

No.	Choice				No.	Choice			
	a.	b.	c.	d.		a.	b.	c.	d.
19.	x				22.			x	
20.				x	23.		x		
21.				x	24.	x			

Provide an answer in terms of **INTEGER ONLY**.

No.	Answer			
25	25.1	2	25.2	2
	25.3	3	25.4	2
	25.5	10		

"Well, That Part Is A Little Dramatic." -Tenet-

ANSWER SHEET for Quiz 5B**Part A:** Choose the correct answer.

No 1	a	Yes	b	No	c	No
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No. 2	W_5	Q_5	C_5	K_5	$K_{3,2}$
Number of vertices	6	32	5	5	5
Number of edges	10	80	5	10	6
Bipartite or not (Yes/No)	No	Yes	No	No	Yes

No.	Answer			
3	a	1	b	4
	c	5	d	2
	e	3		

4	132	5	846	6	12
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No. 7	A	B	C	D	E	F
G	1	0	1	2	2	2

No.	Answer			
8	a	4	b	6
	c	9	d	12

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Part B: Choose the correct answer and provide the **X** mark.

No.	Choice				No.	Choice			
	a.	b.	c.	d.		a.	b.	c.	d.
9.	x				13.				x
10.				x	14.		x		
11.			x		15.			x	
12.	x								

Provide an answer in terms of **INTEGER ONLY**.

No.	Answer			
16	321		17	600
18	18.1	4	18.2	2
	18.3	19	18.4	42

Part C: Choose the correct answer and provide the **X** mark.

No.	Choice				No.	Choice			
	a.	b.	c.	d.		a.	b.	c.	d.
19.				x	22.				x
20.		x			23.				x
21.			x		24.	x			

Provide an answer in terms of **INTEGER ONLY**.

No.	Answer			
25	25.1	2	25.2	3
	25.3	4	25.4	2
	25.5	11		