

GRADING SHEET FOR IDMA ORAL EXAM JUNE 2025

We start by choosing a random number using <https://www.random.org/>, determining in which order questions are presented.

You should not expect to get through all of the questions in the oral exam question set.

You can always ask to skip forward to the next question, or flip back to a previous question.

At the end of the exam, you will be assessed on how many questions you were presented with and how well you answered them.

Whether you solve a problem or not is not a binary yes-or-no question.

There will be a dialogue, and we will take into consideration how well you reason, even if you do not manage to solve a problem.

Time	User ID	Name	NUMBER	Algorithms	Logic	Relations	Combinatorics	Sorting	Graphs	GRADE	Note
JUNE 25, 2025											
13:00	QJH771	Mortensen, William Risgaard	3	Implementation Implementation			Implementation (OK) 1-odd-6, not SIRAS		Dijkstra shortest path explained below without DFS work	00	
13:30	XSV967	Thuesen, Jeanette Vahr	3	Zero and one digit algo Linear time			SKIP		DFS shortest path explained below N ok dijkstra not ok	00	
JUNE 30, 2025											
09:00	DRX515	Damkjær-Bruun, Emilie Michelle	4	Quick sort is Perfect			Answer correctly also	Dijkstra O/W good	DFS shortest path explained below O/W Dijkstra = MST same nodes	10	
09:30	NVM924	Hovgaard, Line Thorup	2	Four transitions 4 rows OK with x and p M, not possible		1-a wrong 2-b wrong	Split OK Merge failed O(n log n)			10	
10:00	KHM950	Mortensen, Leonora Batoosingh	2	Minor slips but otherwise OK	Doesn't pass Does M Doesn't pass		Split OK Merge OK O(n log n) with some level of exp			7	
10:00	ZMR518	Andreasen, Thomas Krüger	4		Not OK			Split confused but finally OK Merge OK O(n log n)		4	Expected no-show
10:30	LMQ466	Nielsen, Felix Herforth	2	OK	M, OK M with some wrk			with clear explanation		10	
11:00	PZG908	Abou-Hayt, Jasmin Imad	3	Confused sys B copy of A	S	SKIP		Confused then SKIP	-3		

Time	User ID	Name	NUMBER	Algorithms		Relations	Combinatorics	Sorting	Graphs	GRADE	Note
				Logic	Implementation						
12:00	11:30 LQS211	Hansen, Alberte Pløger	4	Simple but does column OK	Implementation wrong 2nd column with lots of help				DFS unperf but finally OK Stress on Dijkstra	2	
12:55	12:00 XWJ436	Henriksen, Simon	1	Explains correctly Does not implement			$(n) = n! / k!$ cannot explain 1-a			00	
13:45	12:00 JSX430	Ismail, Sabrina Khalid	4		Implementation wrong, doesn't impl logic wrong SKIRS				DFS explained finally correct Dijkstra almost correct	00	Expected no-show
14:20	12:30 TCP541	Ismaili, Jora	1	Needs some help, but then does perfect			Does 1-c with some help (k) wrong			7	
14:53	13:00 DHG991	Kho, Izabela Emelia	2	With combinatoric example	Perfect	M_1, M_2 correct with min, works says no for M_3			Split OK Merge OK (Ch log) but no explain	12	
15:57	13:30 MXQ470	Kristensen, Kristian Aksel Ertner	NOT 2				Focus in notes for $\binom{n}{k}$ 1-c, 2-b 3-a		DFS factoring completely Dijkstra OK	10	
14:00	14:00 PLT271	Oldenburg, Viktor Sand	1	Needs some help Time cplx in otherwise perfect			$(n) = n! / k!$ 1-c 2-b		DFS OK Dijkstra OK Dijkstra OK	7	
14:00	14:00 MKJ655	Plesner, Andrea Nikoline	11							6	Expected no-show
14:30	14:30 MXC836	mxc836 <i>Mads Yanghuag Qnj</i>	3				With some help		DFS OK Dijkstra OK except paths	7	
15:00	15:00 GDB373	Fistrup, Aksel	3				1-a then 1-c 2-b 3-a		DFS bit confused fishishly wrong	4	

1. DFS with staged for zigzagging
but confused