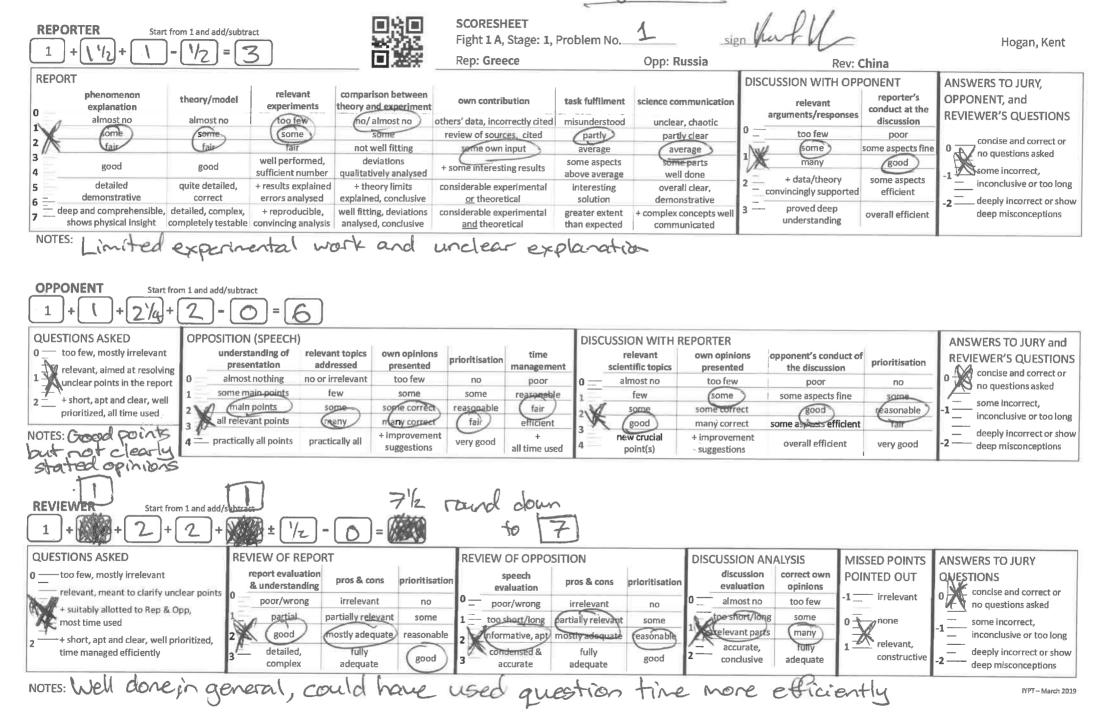


Rejected: 6

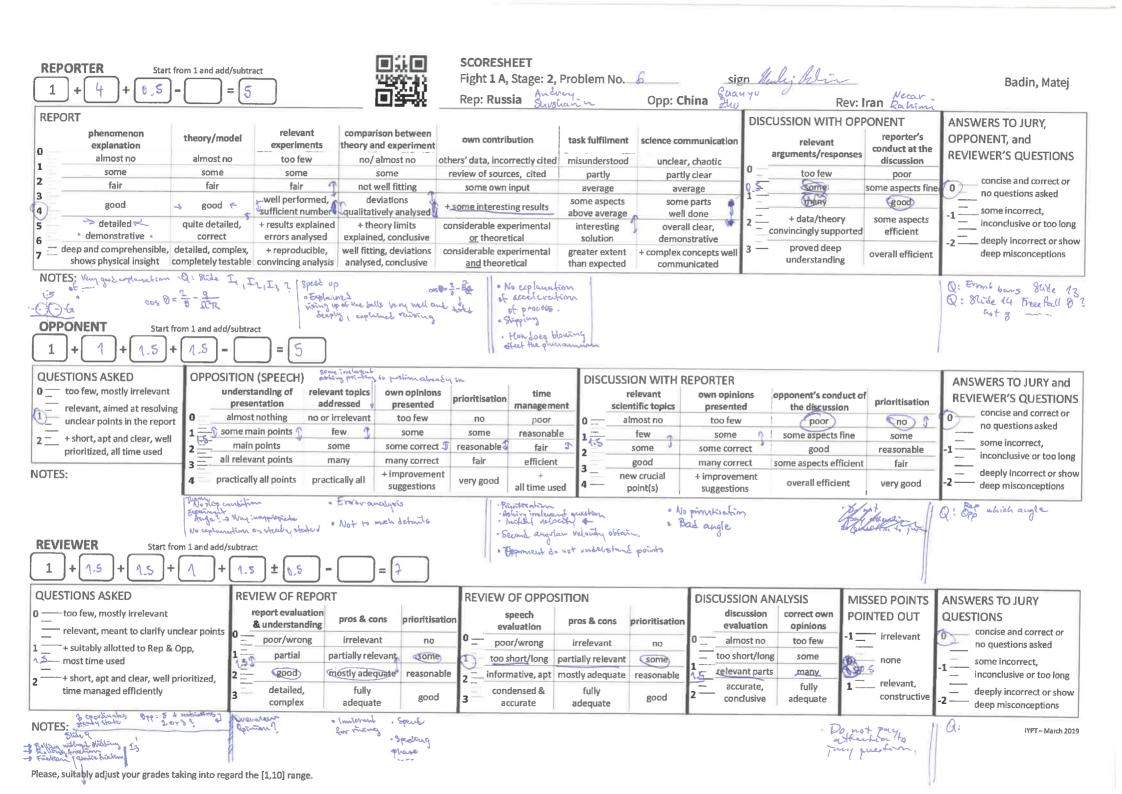


REPORT +	TER Start	from 1 and add/subtra	act 3	<ul><li>■第回</li><li>●第次</li><li>●第次</li></ul>	SCORESHEET Fight 1 A, Stage: 1, Rep: Greece	Problem No	Opp: Russia		ev: China	Koh, Teck Seng
deep:	phenomenon explanation most no some fair good detailed demonstrative and comprehensible, ws physical insight	theory/model almost no some fair good quite detailed, correct detailed, complex, completely testable	relevant experiments too few some fair well performed, sufficient number + results explained errors analysed + reproducible, convincing analysis	some not well fitting deviations qualitatively analysed + theory limits explained, conclusive well fitting, deviations	own contribution others' data, incorrectly cited review of sources, cited some own input + some interesting results considerable experimental or theoretical considerable experimental and theoretical	task fulfilment misunderstood partly average some aspects above average interesting solution greater extent than expected	science communication unclear, chaotic partly clear average some parts well done overall clear, demonstrative + complex concepts well communicated	DISCUSSION WITH relevant arguments/respo  too few  some many  + data/theor convincingly supp  proved deep understandin	opponent reporter's conduct at the discussion poor some aspects fine conduct at the discussion poor some aspects fine conduct at the discussion poor some aspects efficient overall efficient	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS  concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
OPPON  1 +	No mentro Many para ENT Start	from 1 and add/subtra	restron; n at west	gard; up	first m. Tab first m. Tab method to a mislimst n	er gerp	or results pland paper as	and wichops	itsed and a herve to p.	be parameter up to quants fied.
0 too for relevent uncle 2 + she prior	NS ASKED few, mostly irrelevant vant, aimed at resolving ear points in the report, apt and clear, well ritized, all time used  lany flaws a booked out	prese o almost o some m all releva	anding of relevant addr. nothing no or in ain points for any points so ant points y all points practice.	nt topics own opinion presented relevant too few some some for fee any + improveme suggestions	no poor reasonable fair efficient very good all time use	scient sc	DIN WITH REPORTER  Idevant connocinity of the present of the prese	the discussion poor some aspects ect good ect some aspects eff nent ns overall efficie	no no some reasonable fair very good	ANSWERS TO JURY and REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
REVIEW 1 +	cientific de ER Start	many period for the period of	to Addison to the to th	cussion; pp is the report	fails slist of clarified a lo	pnontized missed t; Did m a higher	dishuetar of more dis level.	befricen recuss in ath	red details	and electrostruction
relev + suit most - 2 + sho	NS ASKED  ew, mostly irrelevant  rant, meant to clarify to  tably allotted to Rep &  time used  ort, apt and clear, well  managed efficiently	unclear points 0		pros & cons prioritis irrelevant no artially relevant som ostly adequate reasons fully adequate good	evaluation  o poor/wrong  e loo short/long able prormative, apt	pros & cons irrelevant partially relevant	no alm some reasonable	ION ANALYSIS cussion correct own luation opinions nost no too few nort/long some ant parts many curate, clusive adequate	MISSED POINTS POINTED OUT  -1 irrelevant  none relevant, constructive	ANSWERS TO JURY QUESTIONS  concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
NOTES: /	Funderme naaced bly adjust your grades	pours taking into regard the	1 43 CU 10 [1,10] range.	usern, y	day shown . tangential not beng	in evo force as	Matien; bent when	Able to eleitrod	catch. is people a disch	MAT NPT-March 2019  nd/rider  age.

					Invest	Yourse	4- sign Jurely		
REPORTER Start for	rom 1 and add/subtr	act		SCORESHEET		1	Calmela		
	- M = U		36665554	Fight 1 A, Stage: 1	, Problem No		sign		Pandey, Shashikant
1 + 1 - 3 + 1 - 5		7	- 回路影	Rep: Greece		Opp: Russia	R	ev: China	
REPORT							DISCUSSION WITH	OPPONENT	ANSWERS TO JURY,
phenomenon	theory/model	relevant	comparison between	own contribution	task fulfilment	science communic		reporter's	OPPONENT, and
0 explanation		experiments	theory and experiment	100 C 100			arguments/respo	onses conduct at the	REVIEWER'S QUESTIONS
almost no	almost no	too few		others' data, incorrectly cite		unclear, chaoti	ic a	discussion	
2 fair	fair	some /	not well fitting	review of sources, cited	partly	partly clear	too few	poor poor	concise and correct or
3	Idii	well performed,	deviations	some own input	some aspects	average	Isome	some aspects fine	no questions asked
4 — good	good	sufficient number	qualitatively analysed	+ some interesting results	above average	some parts well done			some incorrect,
5 detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	+ data/theor		inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative			deeply incorrect or show
7 deep and comprehensible, of	, , ,	+ reproducible,	well fitting, deviations	considerable experimental	greater extent	+ complex concepts	■ Understanding	Overall efficient	deep misconceptions
shows physical insight of NOTES:	ompietely testable	convincing analysis	analysed, conclusive	and theoretical	than expected	communicated		•	
OPPONENT Start fr	rom 1 and add/subtra	act =							
QUESTIONS ASKED	OPPOSITION	(SPEECH)			DISCUSSI	ON WITH REPOR	TER		ANSWERS TO JURY and
0 too few, mostly irrelevant	unders	tanding of releva	ant topics own opinions	prioritisation time	n	elevant own	opinions opponent's cond	luct of	REVIEWER'S QUESTIONS
relevant, aimed at resolving			ressed presented	managen	nent scien	ntific topics pre	esented the discussion		concise and correct or
1unclear points in the report			irrelevant too few	no poor	0 <u>=</u> al	most no to	oo few poor	no	no questions asked
+ short, apt and clear, well		700	few some	some reasonal			some some aspects		some incorrect.
prioritized, all time used	4		ome some correct	reasonable	7 2		e correct good	reasonable	-1 inconclusive or too long
LOTES	3 all relev	ant points m	nany many correct	fair efficier	13		y correct some aspects eff	icient fair	deeply incorrect or show
NOTES:	4 practical	ly all points pract	tically all + improvement suggestions	very good all time u			provement overall efficie	nt very good	-2 — deep misconceptions
REVIEWER Start from	om 1 and add/subtra	ct	<b>()</b> =8						
QUESTIONS ASKED	RE	VIEW OF REPORT	Т	REVIEW OF OPPO	SITION	DISC	CUSSION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0too few, mostly irrelevant	- 1	report evaluation	pros & cons prioritisa	speech			discussion correct own	POINTED OUT	QUESTIONS
relevant, meant to clarify ur	nclear points	& understanding	pros accoris prioritisa	evaluation	pros & cons	prioritisation	evaluation opinions		concise and correct or
1 + suitably allotted to Rep &		poor/wrong	irrelevant no	0 poor/wrong	irrelevant	no 0_	almost no too few	-1 irrelevant	no questions asked
- most time used	1=	partial p	sartially relevant some	1 too short/long	partially relevant	some	too short/long some	0 none	some incorrect,
+ short, apt and clear, well p	riesitized 2=	good	nostly adequate (reasona	ole nformative, apt	mostly adequate	reasonable 1	relevant parts many		-1 inconclusive or too long
time managed efficiently	aronuzeu,	detailed.	fully	condensed &	fully		accurate, fully	1 relevant,	deeply incorrect or show
	3	complex	adequate good	3 accurate	adequate	good 2	conclusive adequate	constructive	-2 — deep misconceptions

NOTES:

				É	Invent 2	Tourself.			
REPORTER Start	from 1 and add/subtra	act A		SCORESHEET Fight 1 A, Stage: 1,		1	adoff he	assleenia	Waszkiowicz Badast
1 + 1.5 + 2	- 1 = [	\$ 3.5 mg			hostor	Opp: Russia	Re	ev: China	Waszkiewicz, Radost
REPORT							DISCUSSION WITH		ANSWERS TO JURY,
phenomenon	theory/model	relevant	comparison between	N/A own contribution	took fulfilmant			reporter's	OPPONENT, and
0 — explanation		experiments	theory and experiment	Marine and second memory or prompt control to the	task fulfilment	science communication	relevant arguments/respor	conduct at the	REVIEWER'S QUESTIONS
almost no	all sost no	too few		others' data, incorrectly cited	5200000000	unclear, chaotic	0 —	discussion	REVIEWER 3 QUESTIONS
2 Soone	some	fair	some not well fitting	review of sources, cited	average	partly clear	too fewsome	poor	concise and correct or
3		well performed,	deviations	some own input	some aspects	average some parts	1 many	some aspects fine	no questions asked
4 good	good	sufficient number	qualitatively analysed	+ some interesting results	above average	well done	+ data/theory		-1 some incorrect,
5 detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	convincingly suppo	some aspects rted efficient	inconclusive or too long
6 demonstrative deep and comprehensible,	correct	+ reproducible,	explained, conclusive well fitting, deviations	or theoretical considerable experimental	solution	demonstrative	3 — proved deep	1 ,	-2 deeply incorrect or show
17 —		convincing analysis		and theoretical	greater extent than expected	+ complex concepts well communicated	understanding	overal efficient	deep misconceptions
NOTES: + corone elis	scharan.		+ cah						
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- other elle	201 astatic	effects	- only o	welitrative	wels Stin	enjuste Ceve	n quelitativ	0)	hest reliels
OPPONENT Start	from 1 and add/subtra	ict	0 9	- Carriottive		CV COVID	2 1.1.10(1)		
1 + 1 + 2.5	178-17	7 = (7)							
1 1 1 2,0	+ 45 - 6	7 - 6							
QUESTIONS ASKED	OPPOSITION	(SPEECH)			DISCUSSION	ON WITH REPORTER			ANSWERS TO JURY and
0 too few, mostly irrelevant	406	. ,	nt topics own opinion	stime		elevant own opini	ons opponent's condu	ct of	REVIEWER'S QUESTIONS
relevant, simed at resolving	18	ntation add	essed presented	prioritisation manageme		tific topics presente			concise and correct or
1unclear points in the repo	nt 0 === almost		relevant too few	no poor		most no too few	poor	no	no questions asked
2 + short, apt and clear, well			ew some	50me reasonab	le 1 =	few some	some aspects fi		some incorrect,
prioritized, all time used	2 main		me some correc			some corr		reasonable	inconclusive or too long
NOTES:	3	<b>\</b>	many correct + improveme		13	w crucial + improven		ient fair	deeply incorrect or show
Α	4 practical	y all points practi	cally all suggestions	very good all time us		w crucial + improven oint(s) suggestio	AVAFAII ATTICIAN	t very good	-2 deep misconceptions
asked about volta	ge du	torl (c.ck	of optimiso	tion	+ noteo				
		near Corpie	of apointor			C WILL OT	miell		
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REVIEWER Start f	from 1 and add/subtra	ct		1					
1 + 15 + 2	+981+110	7+17-	$\Theta_{-}[0]$						
	2.10	<u> </u>							
QUESTIONS ASKED	RE\	/IEW OF REPORT		REVIEW OF OPPOS	SITION	DISCUSSI	ON ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0too few, mostly irrelevant		report evaluation	pros & cons prioritis	speech speech	mvac 9 aans	disc	ussion correct own	POINTED OUT	QUESTIONS
relevant, meant to clarify t	unclear points 0	& understanding		evaluation	pros & cons	prioritisation eval	uation opinions	1 irrelevant	o concise and correct or
1 + suitably allotted to Rep 8		poor/wrong	irrelevant no	poor/wrong	irrelevant	no 0 alm	ost no too few	.I irrelevant	no questions asked
most time used	11	partial pa	rtially relevant some	1 too short/long	partially relevant	30IIIE 4	ort/long some	0 none	some incorrect,
apt and clear, well	prioritized, 2	good m	ostly adequate reasona	able 2 informative apt	mostly adequate		int parts to many	relevant,	inconclusive or too long
time managed efficiently	9	detailed,	adequate goo	_ condemed &	fulfy		rate, fully Jusive adequate	construction	deeply incorrect or show
	-	complex	adequate	accurate a	adequate	- 5000	auequate auequate	(,	-2 deep misconceptions
NOTES: + CAPE	ource =	* Spark	e " veni	ort imeles Ma	nt		1	Spalas	IYPT – March 2019
1. 1.	4:	1 0000	to a	ort irreleved	· · · · J		- T-	Sparles we keep	
tinal	opiune	parem	elett.				C	well the series	
Please, suitably adjust your grades	taking into regard th			restions: Qu		0_		)	
			c will	remove 11000 1 1 1700	ベルイン シー・ド				



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REPOR		from 1 and add/su	btract		SCORESHEET Fight 1 A, Stage: 2,	Problem No	6	_sign	hat the		Hogan, Kent
1 +	2/2+1/2	-[0]=	5	回漢字	Rep: Russia		Opp: China		- F	ev: Iran	
REPORT	•				•				DISCUSSION WITH		ANSWERS TO JURY,
0	phenomenon explanation	theory/mode	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communi	- 1	relevant arguments/respo	reporter's	OPPONENT, and REVIEWER'S QUESTIONS
1	almost no	almost no	too few		thers' data, incorrectly cited		unclear, chao			discussion	REVIEWER 3 QUESTIONS
2 -	some fair	some	some	not well fitting	review of sources, cited	partly	partly clear		too few some	poor	concise and correct or
3		( all	well performed,	deviations	some own input	onle aspects	average some parts		many	some aspects fine	no questions asked
4	good	good	sufficient number	qualitatively analysed	+ some interesting results	above average	well done	)	*/		_1 some incorrect,
5	detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	ov/erall clear	r, 2	+ data/theor	a contract the contract to the	inconclusive or too long
6 -	demonstrative	correct	errors analysed	explained, conclusive	<u>or</u> theoretical	solution	demonstrativ		— proved deep	/-	-2 deeply incorrect or show
	and comprehensible,		ex, + reproducible, ble convincing analysis		considerable experimental and theoretical	greater extent	+ complex concep		understandin	OVERALI etticient	deep misconceptions
			. ,			than expected	communicate			1	
NOTES.	Unchear a	cknowle	agement	of referen	ce (what was	from F	super an	dw	-act was a	eriginal?)	
	Limite	inves	tigation	of relevo	nt parane	ters				0	
	10010				50						
OPPON	VEN I Start i	from 1 and add/su	btract	16/4							
1 +	11/4+12 1	+ 2 - 1	0 = 61/	round da	o to la						
				1 Box or De-	10 0						
QUESTIC	ONS ASKED	OPPOSITION	ON (SPEECH)			DISCUSSION	ON WITH REPO	RTER			ANSWERS TO JURY and
0 too	few, mostly irrelevant			nt topics own opinions	prioritisation time			n opinion	opponent's cond	uct of prioritisation	REVIEWER'S QUESTIONS
rele	evant, aimed at resolvin	lg 📗		'essed presented	manageme			resented	the discussion	on prioritisation	concise and correct or
1 X unc	lear points in the repor			relevant too few	no poor			too few	poor	no	no questions asked
2 - + sh	nort, apt and clear, well pritized, all time used	1		some some correct	reasonable fair	777	few	some	Some aspects		some incorrect,
pric	pritized, all time used	2 all re		any many correct	reasonable fair			me correct		reasonable	inconclusive or too long
NOTES: N	Jo mention	3 ,		+ immrwemen				iny corregional	nt		deeply incorrect or show
	ath. model	4 =_ practi	cally all points practi-	cally all suggestions	very good all time use			ggestions	overall efficie	nt very good	-2 — deep misconceptions
04 ~	put k. model	•	Cuttila :	reportero	Pa late						
as ev-	the proor	CON	carring .	epa se o	E1 OC 101						
REVIEW	VER Start f	rom 1 and add/sub	tract								
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	(1/4)+(1.9)		/2 ± 0 -	0=5	(215 Long	ded don	10 00 D				
QUESTIC	NS ASKED	F	REVIEW OF REPORT		REVIEW OF OPPOS	NOITION	DIS	CUSSIO	N ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0too	few, mostly irrelevant	- 1	report evaluation	pros & cons prioritisa	speech	_		discus	sion correct own	POINTED OUT	QUESTIONS
- rele	vant, meant to clarify u	inclear points	& understanding	pros & cons prioritisa	evaluation	pros & cons	prioritisation	evalua	tion opinions		concise and correct or
	itably allotted to Rep &		poor/wrong	irrelevant no	0 poor/wrong	irrelevant	no 0	almos	too few	-1 irrelevant	no questions asked
	st time used	1	partial pa	rtially relevant some	1 too short/long	partially relevant	(some)	shor shor	t/long some	0 none	some incorrect,
II —	ort, apt and clear, well	prioritized 2	good m	ostly adequate reasonal	le , Informative, apt	mostly adequate	reasonable 1_	relevant	parts many	1 1	inconclusive or too long
1.6	e managed efficiently	prioritized,	detailed,	fully ,	condensed &	fully	-	accura		1 relevant,	— deeply incorrect or show
		3	complex	adequate good	3 — accurate	adequate	good 2	conclu	sive adequate	constructive	-2 — deep misconceptions

gour opinion. A lot of time spent summarising responses to questions not actual discussion. Time management a bit off.

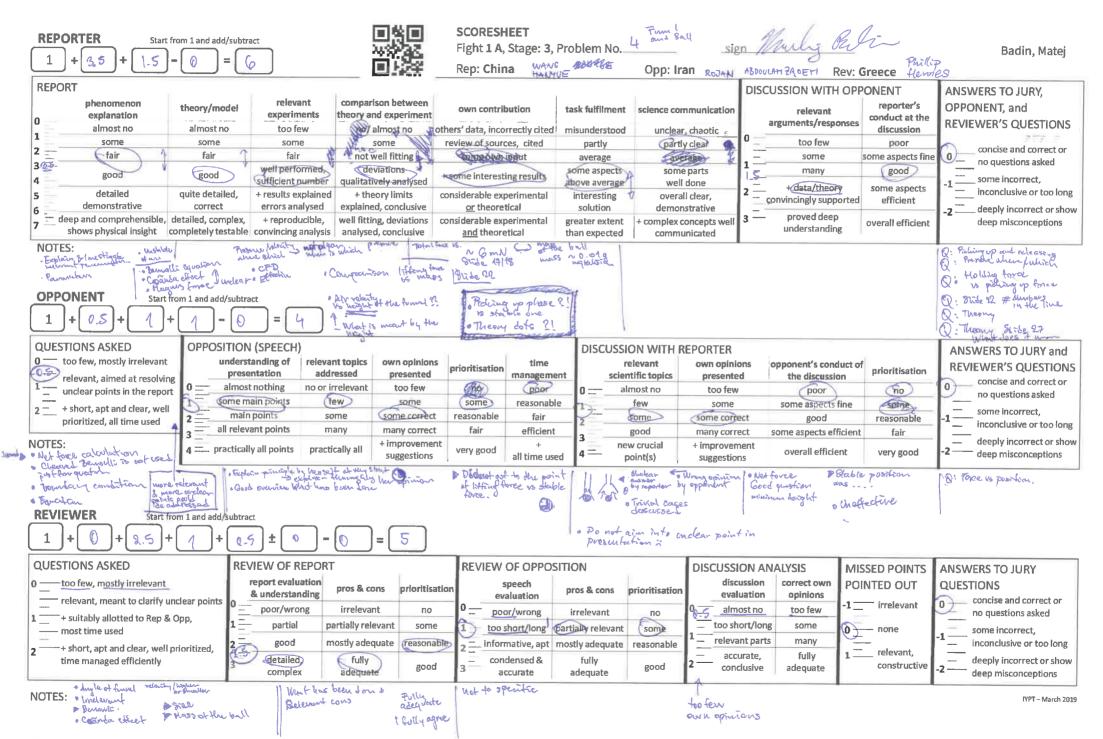
Please, suitably adjust your grades taking into regard the [1,10] range.

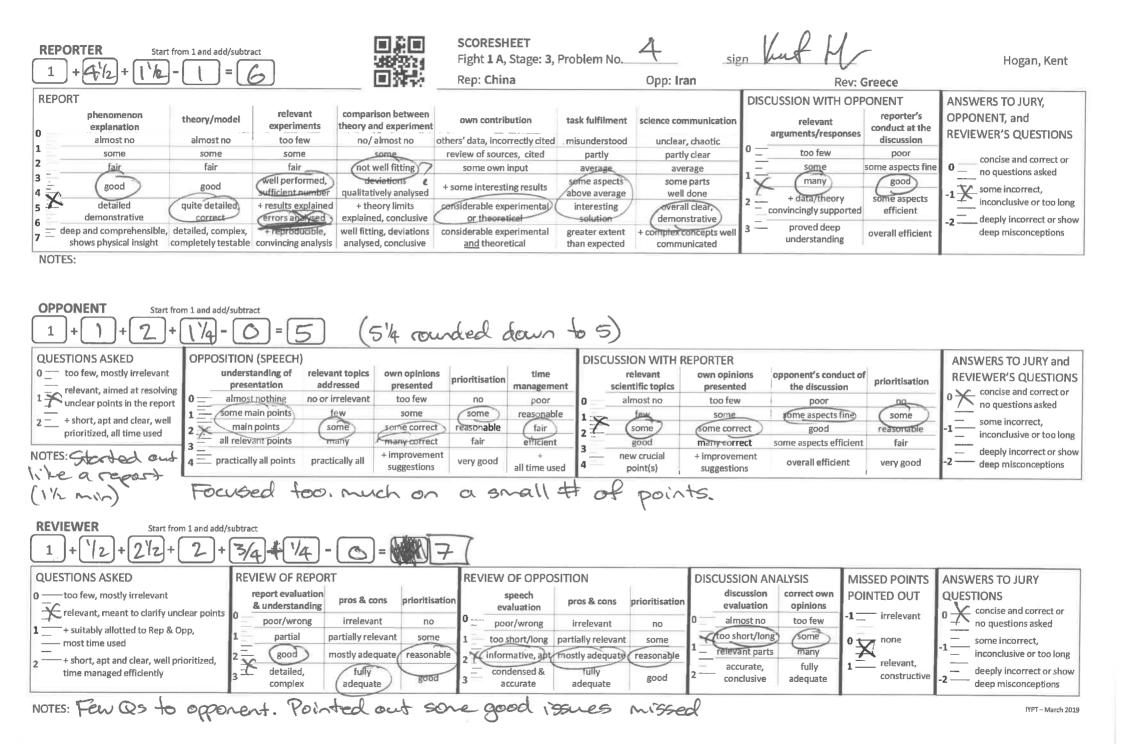
REPOR'	TER Start	from 1 and add/subtra	net	回答回 9890 78 回 548	SCORESHEET Fight 1 A, Stage: 2,	Problem No	6 sig			Koh, Teck Seng
055005	ما لت				Rep: Russia		Opp: China	1	lev: Iran	
REPORT	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution ?	task fulfilment	science communication	DISCUSSION WITH relevant arguments/response	reporter's	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
1	almost no	almost no	too few		others' data, incorrectly cited	misunderstood	unclear, chaotic		discussion	REVIEWER 3 QUESTIONS
2	some	some	some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
3	Tair	fair	fair well performed.	not well fitting deviations	some own input	average	average	1some	some aspects fine	no questions asked
4	good	good	sufficient number	qualitatively analysed	+ some interesting results	some aspects above average	some parts well done		good	some incorrect,
5	detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	2 - + data/theor convincingly supp		inconclusive or too long
6 =	demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative	- 11		-2 deeply incorrect or show
7	and comprehensible, ows physical insight	detailed, complex, completely testable	+ reproducible,	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent	+ complex concepts well	groved deep understanding	Overall efficient	deep misconceptions
NOTES:						than expected	communicated			
	I TO A TO			wen nor inder	explained we standing.	ell. Son	ie expt dos	ta, but la	then me	complete analys
OPPON 1 +		rom 1 and add/subtra	= 6							
QUESTIO	NS ASKED	OPPOSITION	(SPEECH)			DISCUSSIO	ON WITH REPORTER			ANSWERS TO JURY and
0 too	few, mostly irrelevant			nt topics own opinion	s prioritisation time	re	elevant own opini	ons opponent's cond	uct of prioritisation	REVIEWER'S QUESTIONS
rele	vant, aimed at resolvin	g		essed presented	manageme		tific topics presente		n phontisetion	concise and correct or
uncl	ear points in the repor			relevant too few	no poor some reasonabl		nost no too few	-	no	no questions asked
	ort, apt and clear, well			me some correc			few some some corr	some aspects		some incorrect,
prio	ritized, all time used	14		any many correc		2./	good many corr		reasonable iclent fair	inconclusive or too long
NOTES:	ANILE .	4 practically	y all points praction	+ improveme suggestions	nt very good + all time use	ed 4 po	v crucial + improver oint(s) suggestio	nent ns overall efficie	nt very good	deeply incorrect or show deep misconceptions
le Und	ders tands;	the pluy	sois but	communical	son is slight	ly lack	ry. Should	allow rep	orfer to a	anglete icis
REVIEW	IFR Strant for	rom 1 and add/cubtrac	**				recoth	ces my tryling	son on he	and seems
1+	+2+	+ 0	± 0 -	(i) = (6)				, ¢	and.	
QUESTIO	NS ASKED	REV	IEW OF REPORT		REVIEW OF OPPOS	SITION	DISCUSS	ION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0too f	few, mostly irrelevant		report evaluation	pros & cons prioritis	speech speech	proc & cons	discorioritisation	cussion correct own	POINTED OUT	QUESTIONS
relev	vant, meant to clarify u	nclear points	& understanding	pros de cons	evaluation	pros & cons	eva	luation opinions	-1 irrelevant	p concise and correct or
	itably allotted to Rep &	0	poor/wrong	irrelevant no	poor/wrong	irrelevant	110	ost no too few	-1_ III cievalit	no questions asked
	t time used	1 =	partial pa	rtially relevant som	1 too short/long	partially relevant	301116	nort/long some	0 none	some incorrect,
+ sho	ort, apt and clear, well	prioritized, (2=)	good m	ostly adequate reason	able 2 informative, apt	mostly adequate	reasonable	ent parts many	relevant,	inconclusive or too long
1 4	managed efficiently	3	detailed,	fully good	condensed &	fully		urate, fully clusive adequate	constructive	deeply incorrect or show
			complex	adequate	accurate	adequate	3	aucyunte aucyunte		-2 — deep misconceptions
NOTES:	Some on	n opinion	e contre	whed but	appears m	chor, a	laderstand	ls proble	in the a	IYPT – March 2019
	did in	- Land	1			a	sked som	1 8000 g	restions	
Oleane suita	bly adjust your grader							/		

Please, suitably adjust your grades taking into regard the [1,10] range.

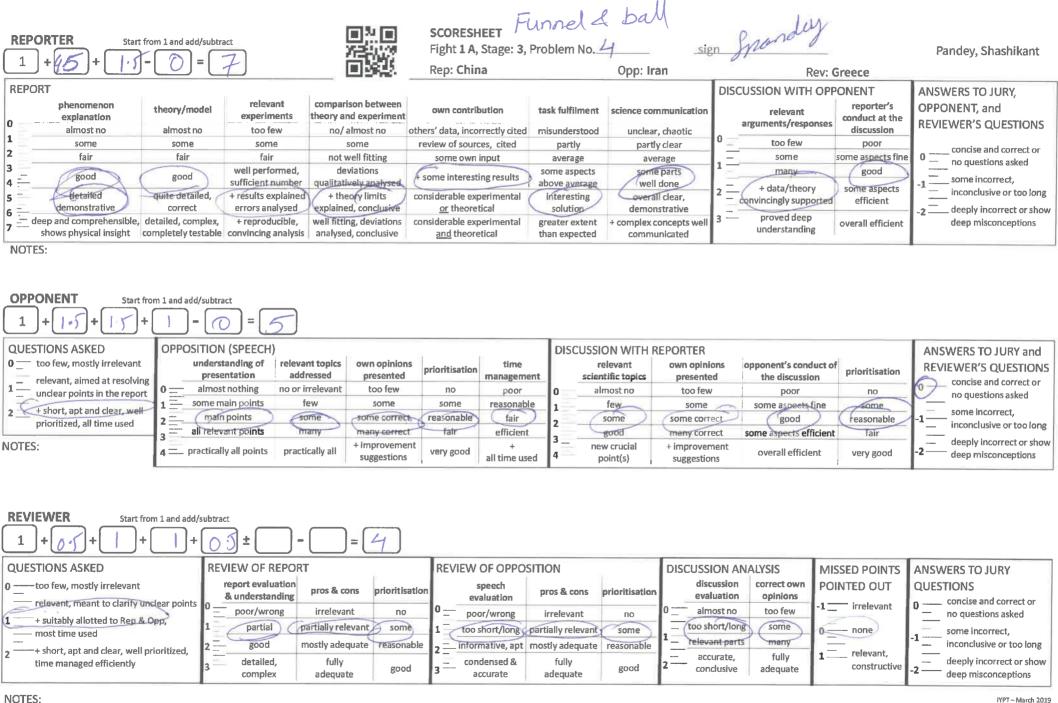
				SCORESHEET Fight 1 A, Stage: 2,	tumica	ne Ball.	alery		
REPORTER Start	from 1 and add/subtr	act		SCORESHEET '		6	ner		
1 + 20+ 10					Problem No		gn /		Pandey, Shashikant
				Rep: Russia		Opp: China	R	ev: Iran	
REPORT							DISCUSSION WITH	OPPONENT	ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant	reporter's	OPPONENT, and
almost no	almostno	too few		others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respo	nses conduct at the discussion	REVIEWER'S QUESTIONS
1 some	some	some	some	review of sources, cited	partly	partly clear	0 too few	poor	concise and correct or
2 fair	fair	fair	not well fitting	some own input	average	average	some	some aspects fine	no questions asked
4 good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	many	good	some incorrect,
5 detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	+ data/theory		inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative			deeply incorrect or show
7 deep and comprehensible, shows physical insight		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated	groved deep understanding		deep misconceptions
NOTES:	osinpictory testable	CONTINUE CITORY SIS	analyses, conclusive	and theoretical	Biail expected	communicated			
OPPONENT  1 + 2  QUESTIONS ASKED  0 — too few, mostly irrelevant relevant, aimed at resolving unclear points in the reper  2 — + short, apt and clear, well prioritized, all time used  NOTES:	OPPOSITION underst prese 0 almos 1 some m 2 mair 3 all relev	(SPEECH) randing of releval randing of releval randing no or ir ain points for points so ant points m	own opinions presented relevant too few ew some me some correct any + improvemer suggestions	no poor some reasonable fair efficient	ent scient  0 alr  1 2 3 nev	DN WITH REPORTER elevant com opin present most no too fev few some some com good many cor v crucial oint(s) suggestice	ed the discussion v poor some aspects f rect good rect some aspects eff ment overall efficie	no no no reasonable icient fair	ANSWERS TO JURY and REVIEWER'S QUESTIONS  concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
REVIEWER Start f		± 6 ~	pros & cons prioritis	REVIEW OF OPPOS		dis	SION ANALYSIS cussion correct own	MISSED POINTS POINTED OUT	ANSWERS TO JURY QUESTIONS
relevant, meant to clarify u	unclear points 0	& understanding	·	evaluation			luation opinions	-1 irrelevant	o concise and correct or
1+ suitably allotted to Rep 8	С Орр,	poor/wrong	irrelevant no	poor/wrong	irrelevant	110	nost no too few	_	no questions asked
most time used	1	4	artially relevant some		partially relevant	1	hort/long some` ant parts many	0 — none	-1 some incorrect,
2 + short, apt and clear, well	prioritized,		ostly adequate reasona	2	mostly adequate	TE 8301 ISDIE	curate, fully	1 relevant,	inconclusive or too long
time managed efficiently	3 =	detailed,	fully adequate good	3 condensed &	fully adequate		iclusive adequate	constructive	-2 — deeply incorrect or show deep misconceptions
NOTES:		, 500	-1						IVPT - March 2019

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REPORTER Start	from 1 and add/subtr	act		SCORESHEET	/	2	Cachoff We	821C1 CW	
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REPORT				Rep: Russia		Opp: China		/: Iran	
phenomenon		relevant	comparison between				DISCUSSION WITH C	PPONENT reporter's	ANSWERS TO JURY,
explanation	theory/model	experiments	theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/respons	conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
almost no some	almost no some	too few	no/ ≱most no some	others' data, incorrectly cited review of sources, cited	. /	unclear, chaotic	o too few	discussion	REVIEWER 3 QUESTIONS
2 fair	fair	fair	not well fitting	some own input	partly average	partly clear average	- Some	some aspects fine	0 concise and correct or no questions asked
3	good	well performed,	deviations	+ some interesting results	some aspects		pagy	eg6d	some incorrect,
5 detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	above average interesting	well done overall clear,	2 - + data/theory convincingly support	some aspects ed efficient	inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative	3 — proved deep		-2 deeply incorrect or show
7 deep and comprehensible, shows physical insight		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated	understanding	overall efficient	deep misconceptions
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unclear points in the repor	1 some m	1	₩ V ← soffe	some reasonabl		some	some aspects fin	\ \ \ \ \ \	no questions asked
2 — + short, apt and clear, well prioritized, all time used	2 mair		me some correc			some com	6 /	reasonable	some incorrect, inconclusive or too long
NOTES:	3 /		any many orrec		- 3	good man corre	6.3	ent fair	deeply incorrect or show
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QUESTIONS ASKED	RE	VIEW OF REPORT	•	REVIEW OF OPPOS	SITION	DISCUSSI	ON ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0too few, mostly irrelevant	1	report evaluation	pros & cons prioritis	ation speech	pros & cons	disc prioritisation	ussion correct own	OINTED OUT	QUESTIONS
relevant, meant to clarify t	ınclear points 0	& understanding poor/wrong	irrelevant no	0 evaluation poor/wrong	irrelevant	0 — 212	uation opinions	l irrelevant	0 concise and correct or no questions asked
+ suitably allotted to Rep 8	Opp,		rtially relevant some		partially relevant		)	none	some incorrect.
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		complex	adequate	accurate	adequate	, ,			deep misconceptions
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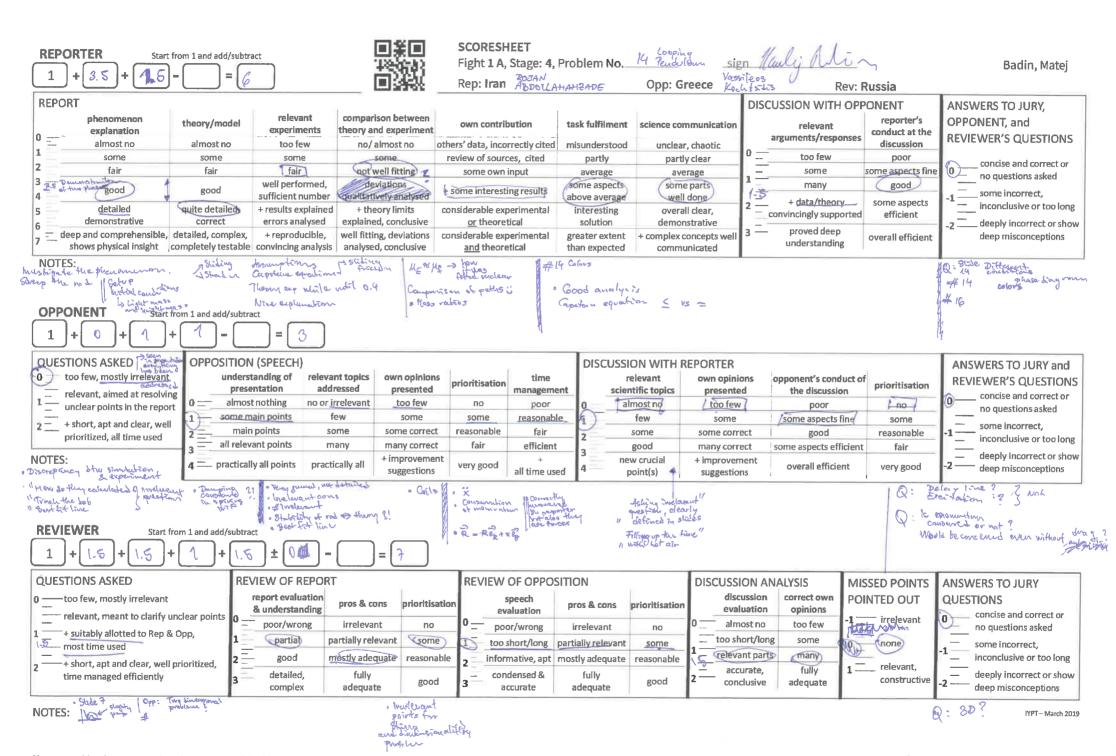


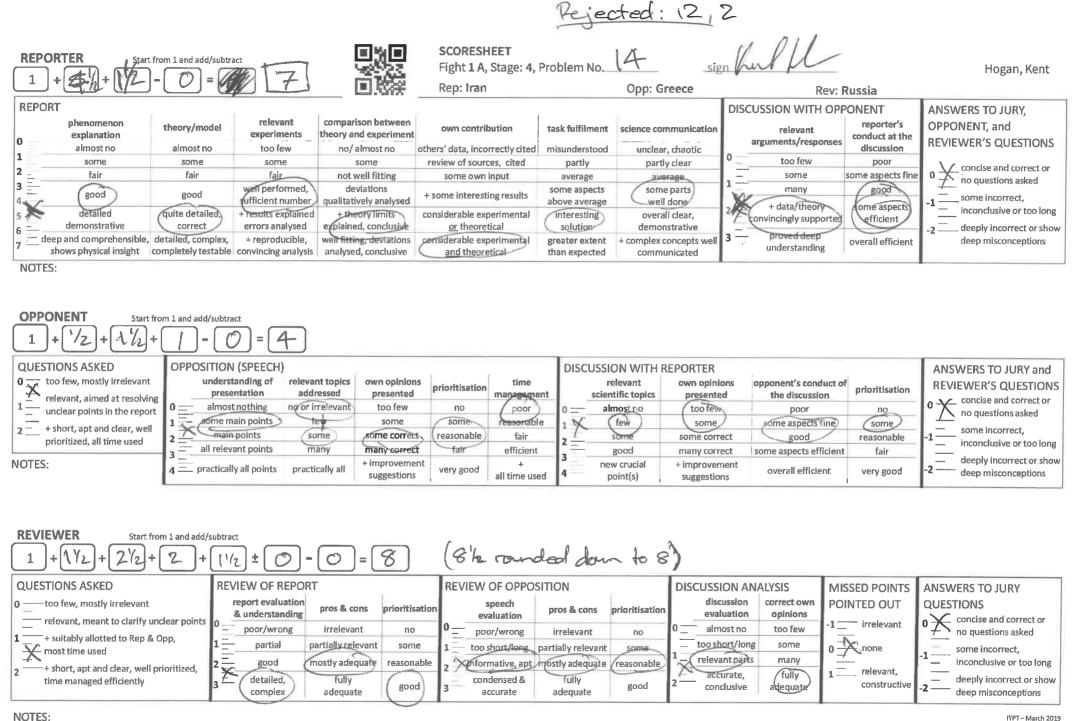
REPORTER	Start from 1 and add/subtr	act	22766	SCORESHEET	Droblem No	4	12		Kale Tank Com
1 + 4.5 + 0	3-0=	4		Fight 1 A, Stage: 3,	Problem No		gn		Koh, Teck Seng
	3) (2) (		1 42 3 C	Rep: China		Opp: Iran	Re	v: Greece	
REPORT			4				DISCUSSION WITH O	OPPONENT	ANSWERS TO JURY,
phenomenon	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant	reporter's	OPPONENT, and
0 explanation almost no	almost no	too few		others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respons	ses conduct at the discussion	REVIEWER'S QUESTIONS
1some	some	some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
2 fair	fair	fair	not well fitting	some own input	average	average	some	some aspects fine	0 no questions asked
good	good	well performed,	deviations	+ some interesting results	some aspects	some parts	many	good	some incorrect,
5 detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	above average interesting	well done overall clear,	2 + data/theory	some aspects	inconclusive or too long
demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative	convincingly suppor	ted efficient	deeply incorrect or show
deep and comprehen		+ reproducible,	well fitting, deviations	considerable experimental	greater extent	+ complex concepts well	3 — proved deep understanding	overall efficient	deep misconceptions
shows physical insi				and theoretical	than expected	communicated	, and a		
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OPPONENT	Start from 1 and add/subtra	act	\$0000	expr- = simucour	Wh.		~	The come of	•
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QUESTIONS ASKED	OPPOSITION			. 0 16		ON WITH REPORTER	1	91	ANSWERS TO JURY and
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REVIEWER	Start from 1 and add/subtra								
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QUESTIONS ASKED	RE	VIEW OF REPORT	•	REVIEW OF OPPOS	SITION	DISCUSS	ION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0 — too few, mostly irrel		report evaluation	1	sneech	illow			POINTED OUT	QUESTIONS
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relevant, meant to c		poor/wrong	irrelevant no	0 poor/wrong	irrelevant	no 0 — aln	nost no too few	1 irrelevant	no questions asked
1 + suitably allotted to most time used	Kep & Opp,	partial p	artially relevant som	e 1 too short/fong	partially relevant	some too s	hort/long some	o — none	some incorrect,
+ short, apt and clea	r well prioritized	good m	ostly adequate reason			reasonable 1 relev	ant parts many		-1 inconclusive or too long
time managed efficie		detailed,	fully	condensed &	fully		curate, fully	relevant, constructive	— deeply incorrect or show
	l <sup>3</sup>	complex	adequate goo	accurate	adequate	good 2 cor	clusive adequate	55.150 46046	-2 — deep misconceptions
NOTES:	6 - 0 -		1	0.4			-		IYPT – March 2019
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**SCORESHEET** REPORTER Start from 1 and add/subtract Fight 1 A, Stage: 3, Problem No. Waszkiewicz, Radost Rep: China Opp: Iran Rev: Greece REPORT DISCUSSION WITH OPPONENT ANSWERS TO JURY. relevant comparison between phenomenon reporter's theory/model OPPONENT, and own contribution task fulfilment science communication relevant experiments theory and experiment explanation conduct at the arguments/responses REVIEWER'S QUESTIONS almost no almost no too few no/almost no others' data, incorrectly cited discussion misunderstood unclear, chaotic some some same some too few review of sources, cited partly partly clear poor concise and correct or fair fair fair not well fitting some own input average some some aspects fine average no questions asked well performed some aspects some parts many boo good + some interesting results sufficient number qualitatively analysed some incorrect. above average well done data/theory some aspects inconclusive or too long quite detailed. + results explained considerable experimental + theory limits interesting overall clear. convincingly supported efficient demonstrative correct errors analysed explained, conclusive or theoretical solution demonstrative deeply incorrect or show deep and comprehensible, detailed, complex. proved deep + reproducible. well fitting, deviations considerable experimental greater extent + complex concepts well overall efficient deep misconceptions understanding shows physical insight | completely testable | convincing analysis analysed, conclusive and theoretical than expected communicated NOTES: is terms of assumptions. - lack of physical conclusions: agelore & Conclusions **OPPONENT OUESTIONS ASKED** OPPOSITION (SPEECH) DISCUSSION WITH REPORTER ANSWERS TO JURY and 0 - too few, mostly irrelevant understanding of relevant topics own opinions time relevant own opinions opponent's conduct of **REVIEWER'S QUESTIONS** prioritisation prioritisation presentation addressed presented scientific topics management presented the discussion relevant, aimed at resolving concise and correct or almost nothing no or irrelevant too few no poor almost no too few unclear points in the report poor no no questions asked some man points few some reasonable some some aspects fine some 2 - + short, apt and clear, well some incorrect. main points some some correct reasonable fair som some correct reasonable prioritized, all time used inconclusive or too long all relevant points neny many correct efficient good many correct some aspects efficient deeply incorrect or show NOTES: + improvement new crucial + improvement practically all points practically all very good overall efficient very good all time used deep misconceptions suggestions point(s) suggestions + different ball QUESTIONS ASKED REVIEW OF REPORT **REVIEW OF OPPOSITION DISCUSSION ANALYSIS** MISSED POINTS **ANSWERS TO JURY** 🖈 oo few, mostly irrelevant report evaluation discussion correct own **POINTED OUT** speech QUESTIONS pros & cons prioritisation pros & cons prioritisation & understanding evaluation opinions evaluation relevant, meant to clarify unclear points concise and correct or irrelevant almost no poor/wrong irrelevant too few no pool/wrong irrelevant no questions asked "+ suitably allotted to Rep & Opp, 0 none partial partial relevant too short/long some partially relevant too short/long some - most time used some incorrect, тапу good mostly adequate reaconable relevant parts informative, apt mostly adequate reasonable inconclusive or too long -+ short, apt and clear, well prioritized, relevant. accurate. fully detailed. fully time managed efficiently condensed & fully deeply incorrect or show constructive good good conclusive adequate complex adequate accurate adequate deep misconceptions

Please, suitably adjust your grades taking into regard the [1,10] range





REPORTER Stai	+ from 1 and add (oubto	n est		SCORESHEET		14	03		
	t from 1 and add/subtr	act	50562702.6	Fight 1 A, Stage: 4,	Problem No	Sig	gn S		Koh, Teck Seng
1 + 4 + /	]-[]=[_	6	回黎縣	Rep: Iran		Opp: Greece	Rev	Russia	
REPORT							DISCUSSION WITH OF	PPONENT	ANSWERS TO JURY,
phenomenon	theory/model	relevant	comparison between	own contribution	task fulfilment	science communication		reporter's	OPPONENT, and
0 explanation		experiments	theory and experiment			Science communication	relevant arguments/response	conduct at the	REVIEWER'S QUESTIONS
almost no	almost no	too few	no/ almost no	others' data, incorrectly cited		unclear, chaotic	0 too few	discussion	THE THE THE COLONIA
2 Tair	fair	fair	not well fitting	review of sources, cited some own input	partly	partly clear average	some	some aspects fine	o concise and correct or
3 —		well performed,	deviations		some aspects	some parts	many many	good	no questions asked
4 good	good	sufficient number	qualitatively analysed	+ some interesting results	above average	well done	+ data/theory	some aspects	some incorrect,
5 detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	or theoretical	interesting	overall clear,	convincingly supporte		
deep and comprehensible		+ reproducible,	well fitting, deviations	considerable experimental	greater extent	demonstrative + complex concepts well	3 — proved deep	overall efficient	_2 deeply incorrect or show deep misconceptions
7 — shows physical insight			analysed, conclusive	and theoretical	than expected	communicated	understanding	overall efficient	deep misconceptions
OPPONENT Star	t from 1 and add/subtra	theris	ancear a Merson	presults	aunaj	704.			
OUESTIONS ASKED  1 too few, mostly irrelevant relevant, aimed at resolve unclear points in the representation of the prioritized, all time used  NOTES:	ort present of almost ort of almost ort of almost ort or	tanding of releval addit nothing no or in in in points for any points so and points many p	relevant too few  some correct any many correct cally all suggestions	no poor reasonable to fair efficient to the service of the service	scient sc	ON WITH REPORTER elevant tific topics most no few some some some corr good many corr v crucial oint(s)  OWN OPTION TO STATE TO ST	the discussion poor some aspects fine ect good rect some aspects efficient overall efficient	no some reasonable	ANSWERS TO JURY and REVIEWER'S QUESTIONS  1 — concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
REVIEWER Start	from 1 and add/subtra	ct							
1+/0+2	+ 25 + 1	5 ±	= 8						
QUESTIONS ASKED	RE	/IEW OF REPORT		REVIEW OF OPPOS	SITION	DISCUSS	ION ANALYSIS	IISSED POINTS	ANSWERS TO JURY
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+ short, apt and clear, we	Il prioritized,	good ) m	ostly adequate reasona	able 2 informative, apt	mostly adequate	Teasoriable	ant parts many	relevant,	inconclusive or too long
time managed efficiently	3	detailed,	fully good	3 condensed &	fully		curate, fully 1	touetius	deeply incorrect or show
		complex	adequate	accurate	adequate		The state of the s		deep misconceptions
NOTES: Clea	ely uns	lestood	physis	of problem	Able	to evalue	eti		IYPT - March 2019
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Please, suitably adjust your grades taking into regard the [1,10] range.

both presentation with priority & accuracy

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REPORTER Start fr	om 1 and add/subtra	act	国美国 8000000 国第30	SCORESHEET	Drahlam Na	14	atau	Sugaro	1	Developed to the second
1 + 3-7 + 1-5-	·	6	1000001 (m) (0/2)		, Problem No					Pandey, Shashikant
REPORT				Rep: Iran		Opp: Gree	ece		ev: Russia	ANGWERS TO HIRV
phenomenon	Abaam (mada)	relevant	comparison between			1.		DISCUSSION WITH	reporter's	ANSWERS TO JURY, OPPONENT, and
o explanation	theory/model	experiments	theory and experiment	own contribution	task fulfilment	science comm	nunication	relevant arguments/respo	conduct at the	REVIEWER'S QUESTIONS
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some fair	some fair	some fair	some not well fitting	review of sources, cited some own input	partly	partly cl	WAD	_ some	poor some aspects fine	o concise and correct or
3		well performed,	deviations		some aspects	some pa		1 many	good	no questions asked
4 good	good	sufficient number	qualitatively analysed	some interesting results	above average	well do	1	+ data/theory		-1 some incorrect, inconclusive or too long
5 detailed demonstrative	quite detailed, correct	results explained errors analysed	+ theory limits explained, conclusive	or theoretical	solution	overall cl demonstr		convincingly suppo		
deep and comprehensible, d		+ reproducible,	well fitting, deviations	considerable experimental	greater extent	+ complex cond		3 proved deep	Overall efficient	deeply incorrect or show deep misconceptions
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QUESTIONS ASKED  1 too few, mostly irrelevant relevant, aimed at resolving unclear points in the report + short, apt and clear, well prioritized, all time used  NOTES:	prese 0 almost 1 some main 2 main	(SPEECH) anding of relevan address of real relevantation and relevantation no or in ain points so ant points so ant points practice.	own opinions presented too few work work me some correct any many correct + improvemen suggestions	no poor reasonal reasonable fair efficien	0 == aln 1 == 2 1	most no few some good	PORTER own opinio presented too few some some many corre + improveme suggestion	the discussion  poor  some aspects f  good  ct some aspects effent  overall efficient	no no no reasonable reasonable	ANSWERS TO JURY and REVIEWER'S QUESTIONS  1
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QUESTIONS ASKED	REV	IEW OF REPORT	·	REVIEW OF OPPO	SITION		DISCUSSIO	ON ANALYSIS	MISSED POINTS	ANSWERS TO JURY
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— most time used	113				partially relevant	some 1		nt parts many	0 — none	-1 — some incorrect,
+ short, apt and clear, well p	rioritized, 2			2 2 -		reasonable	-	rate, fully	1 relevant,	inconclusive or too long
time managed efficiently	3	. detailed, complex	fully adequate good	3 condensed & accurate	fully adequate	good 2		lusive adequate	constructive	-2 — deeply incorrect or show deep misconceptions
NOTES:			. 1							IYPT - March 2019

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				同器间	SCORESHEET	1-00	gen wim	12/11	Vasellien	
REPOR	Start	from 1 and add/subtra	ect	VM 2400- N X	Fight 1 A, Stage: 4,	Problem No.	14 sie	Ladrot 1	yasan evi	Waszkiewicz, Radost
1 +	5.5+ (.5)	-[ 0]=[5	3	而激烈	Rep: Iran		Opp: Greece	D	ev: Russia	Waszkiewicz, Kadość
REPORT				head on the h	-		opp. dicete	DISCUSSION WITH		ANSWERS TO JURY,
	phenomenon	Ab a superferended	relevant	comparison between					reporter's	OPPONENT, and
0 —	explanation	theory/model	experiments	theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/respo	conduct at the	
1	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	0	discussion	REVIEWER'S QUESTIONS
2	some	some	some	some	review of sources, cited	partly	partly clear	too few	роог	concise and correct or
3 =	fair	fair	well performed,	not well fitting	some over input	average	average	1 — some	ome aspects fine	no questions asked
4 =	good	good	sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	many	good	some incorrect,
5	detailed	quite of ailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall dear,	2 + deta/theory convincingly.suppo		inconclusive or too long
6	demonstrative	carrect	errors analysed	explained, conclusive	or theoretical	solution	demonstrative	_	nteo emcient	_2 deeply incorrect or show
/	and comprehensible,		+ reproducible,	well fitting, deviations	considerable experimental	greater extent	+ complex concepts well	3 — proved deep understanding	overall efficient	deep misconceptions
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	nort, apt and clear, well		- A	some correc			some some com		reasonable	some incorrect,
pric	oritized, all time used	4		any many correc	-/		good many corr			inconclusive or too long
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+ sh	ort, apt and clear, well	prioritized, 2	good m	nostly adequate reason	able 2 imormative apt	most adequate		ant parts many	relevant,	inconclusive or too long
time	e managed efficiently	<b>30</b>	detailed,	fully goo	d _ condensed &	fully		urate, fully clusive adequate	constructive	-2 deeply incorrect or show
			complex	soequate goo	accurate	adequate		and date		deep misconceptions
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Please, suita	ably adjust your grades	taking into regard th	ne [1,10] range.	- 1-						