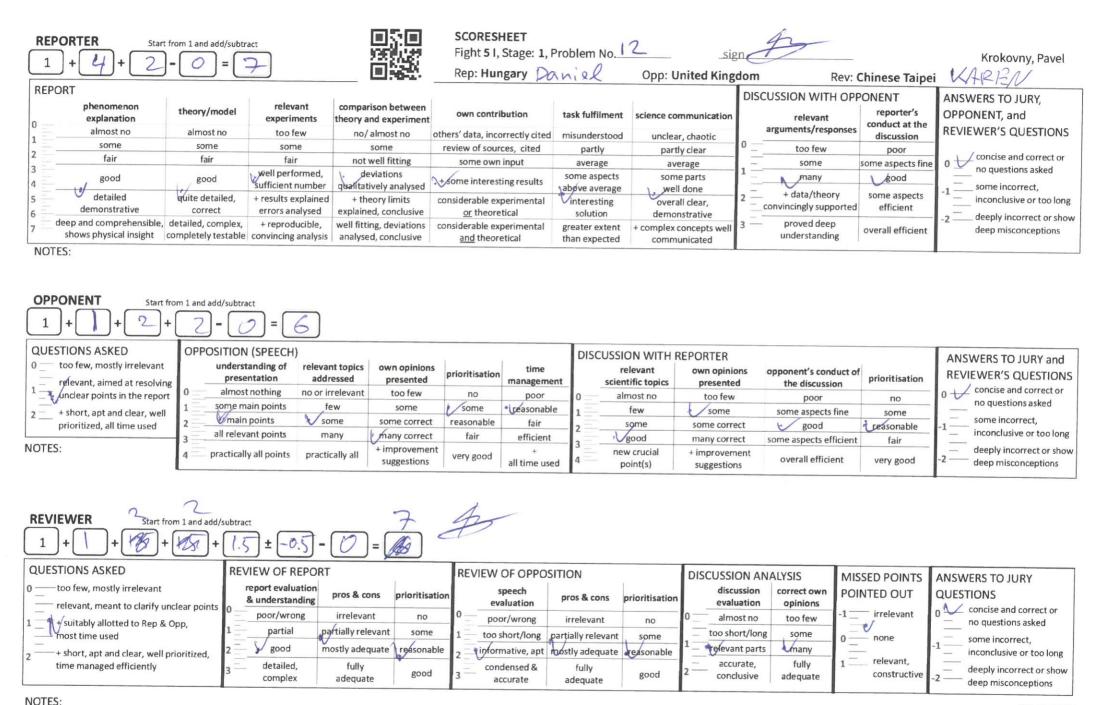
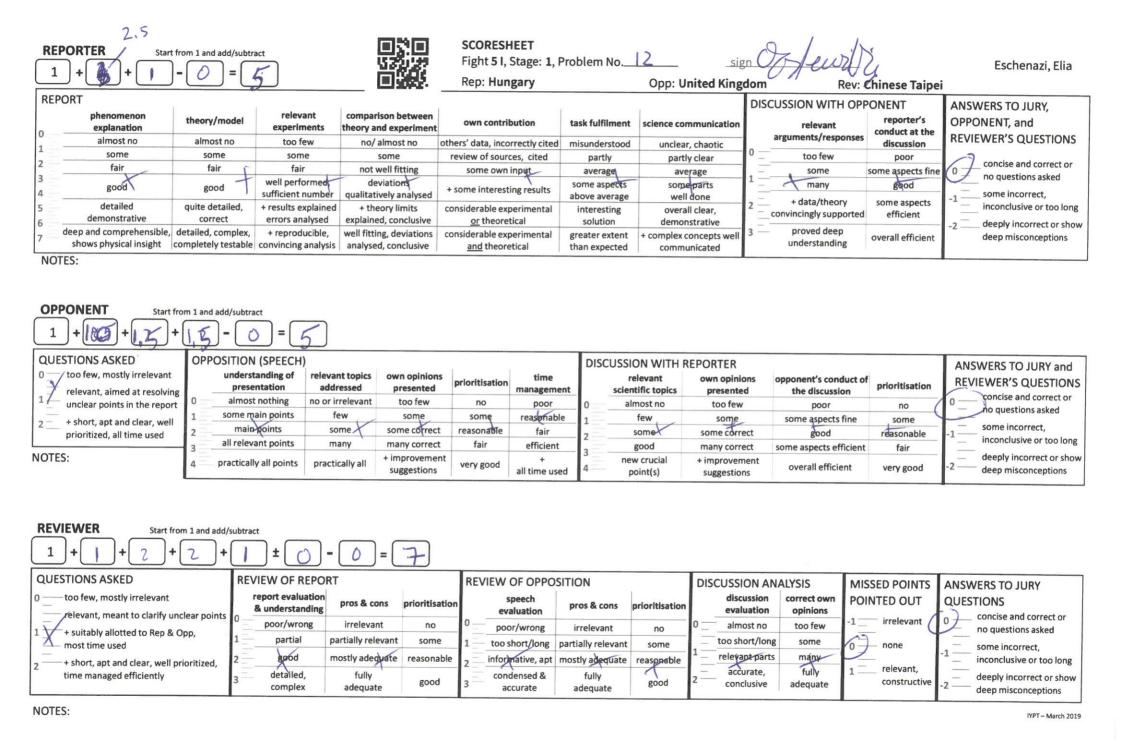
REPORTER Start	from 1 and add/subtr	act		SCORESHEET		12	/RM		
1 + (3.5) + (1.45)	-[0,25]=			Fight 5 I, Stage: 1, F	robiem No		gn _		Douglas, Alistair
REPORT				Rep: Hungary		Opp: United Kin		Rev: Chinese Taipe	i
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	Totovanic	reporter's	ANSWERS TO JURY, OPPONENT, and
almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respo	discussion	REVIEWER'S QUESTIONS
some	some	some	some	review of sources, cited	partly	partly clear	0too few	poor	consiss and something
fair	fair	fair	not well fitting	some own input	average	average	some	some aspects fine	o concise and correct or 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 + data/theor	good y some aspects	some incorrect,
5 detailed demonstrative	quite detailed, correct	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	convincingly supp		inconclusive or too long
deep and comprehensible,		errors analysed	explained, conclusive	or theoretical	solution	demonstrative	a proved deep		-2 deeply incorrect or show
shows physical insight		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated	understandin	OVERAL officient	deep misconceptions
OPPONENT Start	from 1 and add/subtra	post $f(r)$		,			Should have	بالزار م ا	puntibat re
QUESTIONS ASKED  1 too few, mostly irrelevant relevant, aimed at resolvin unclear points in the repor  2 + short, apt and clear, well prioritized, all time used  NOTES:	prese almost some m main all releva	anding of relevant addr. nothing no or in ain points fe points so and points my yall points practice.	+ improvemen	no poor reasonable far efficient very good all time use	re scient 0 aln e 1 2 5 3 new 4 pc	ON WITH REPORTER  very levant own opin present nost no too fev few some some some cor very crucial + improve soint(s) suggestion	the discussion poor some aspects of rect goo rect some aspects eff ment overall efficient	no no fine some reasonable fair	ANSWERS TO JURY and REVIEWER'S QUESTIONS  or concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
DEVIEWED	rom 1 and add/subtrac	: -	0=8			v agree 3.	oy oc		
QUESTIONS ASKED	REV	IEW OF REPORT		REVIEW OF OPPOS	ITION	DISCUSS	ION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0too few, mostly irrelevant		report evaluation	pros & cons prioritisa	tion speech		dis	cussion correct own	POINTED OUT	QUESTIONS
relevant, meant to clarify u	nclear points	& understanding	production prioritisa	evaluation	pros & cons p	rioritisation eva	luation opinions		o concise and correct or
+ suitably allotted to Rep &		poor/wrong	irrelevant no	0 poor/wrong	irrelevant	no 0 aln	nost no too few	-1 irrelevant	no questions asked
most time used	1	partial pa	rtially relevant some	1 too short/long   p	partially relevant	some too s	hort/long some	0 — none	some incorrect,
+ short, apt and clear, well p	prioritized 2 —	good me	ostly adequate reasona	ble 2 informative, apt r	nostly adequate	reasonable 1 relev	ant parts many	-	inconclusive or too long
time managed efficiently	2	detailed,	fully ×	condensed &	fully	_ acc	curate, fully	1 elevant,	deeply incorrect or show
	3	complex	adequate good	3 accurate	adequate	good 2 cor	clusive adequate	constructive	deep misconceptions
NOTES:									

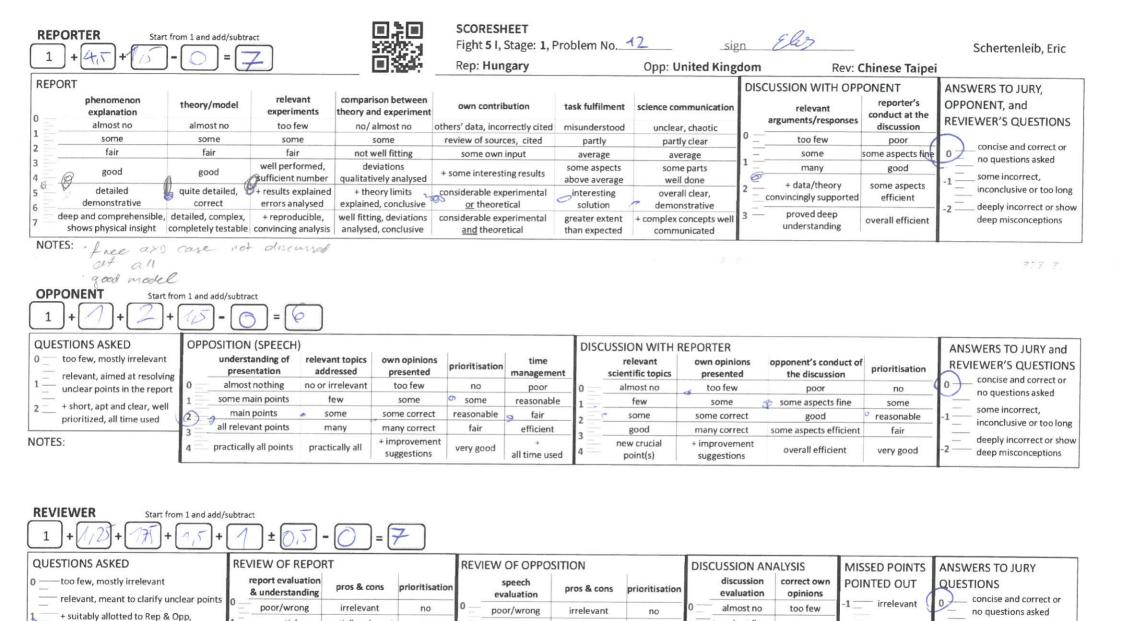
IYPT - March 2019

	t from 1 and add/subt		III NA III	SCORESHEET Fight 5 I, Stage: 1, F	Problem No. 1	2	sign A		Kulinskyi, Volodymyr
1 + 4 +	J <del>-</del> =_	6		Rep: Hungary		Opp: United Kin	The The	Rev: Chinese Taipe	
REPORT  phenomenon explanation almost no some good detailed demonstrative deep and comprehensible, shows physical insight		relevant experiments too few some fair well performed, sufficient number + results explained errors analysed + reproducible, convincing analysis	comparison between theory and experiment no/ almost no some not well fitting deviations qualitatively analysed + theory limits explained, conclusive well fitting, deviations analysed, conclusive	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 communicatio unclear, chaotic partly clear average some parts well done overall clear, demonstrative + complex concepts we communicated	DISCUSSION WITH relevant arguments/resp  too few  some many  data/theor convincingly supp	onses on a spects or a specific	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
OPPONENT  Start  1 +	ng preson 0 almos 1 some n 2 mair 3 all relev	= 5 N (SPEECH) tanding of relevan	relevant too few some ne some correct my many correct	no poor reasonable fair efficient	rei scient 0 alm 1 2 3 8 new	DN WITH REPORTER levant own opin ific topics presen too from some co- too od many co- crucial + improve sint(s) suggesti	nions opponent's conc tted the discussion w poor some aspects rrect good rrect some aspects efferment	no n	ANSWERS TO JURY and REVIEWER'S QUESTIONS  O concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
REVIEWER  1 + 2 + 1/5 +  QUESTIONS ASKED  too few, mostly irrelevant relevant, meant to clarify u + suitably allotted to Rep & most time used + short, apt and clear, well time managed efficiently	Opp,	# - CVIEW OF REPORT report evaluation & understanding poor/wrong partial par	pros & cons prioritisa irrelevant no tially relevant some istly adequate reasonal fully adequate good	evaluation poor/wrong too short/long	pros & cons programme pros & cons programme programme programme programme programme programme pros & cons programme programm	no discovered to the control of the	SION ANALYSIS scussion aluation opinions most no too few short/long some many curate, fully adequate	MISSED POINTS POINTED OUT -1 irrelevant      none     relevant,     constructive	ANSWERS TO JURY  QUESTIONS  0 — concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions

NOTES:







too short/long

relevant parts

accurate,

conclusive

some

many

fully

adequate

none

relevant,

constructive

NOTES:

most time used

time managed efficiently

some incorrect.

inconclusive or too long

deeply incorrect or show

deep misconceptions

+ short, apt and clear, well prioritized,

partial

good

detailed.

complex

partially relevant

fully

adequate

mostly adequate

some

reasonable

good

too short/long

condensed &

accurate

partially relevant

fully

adequate

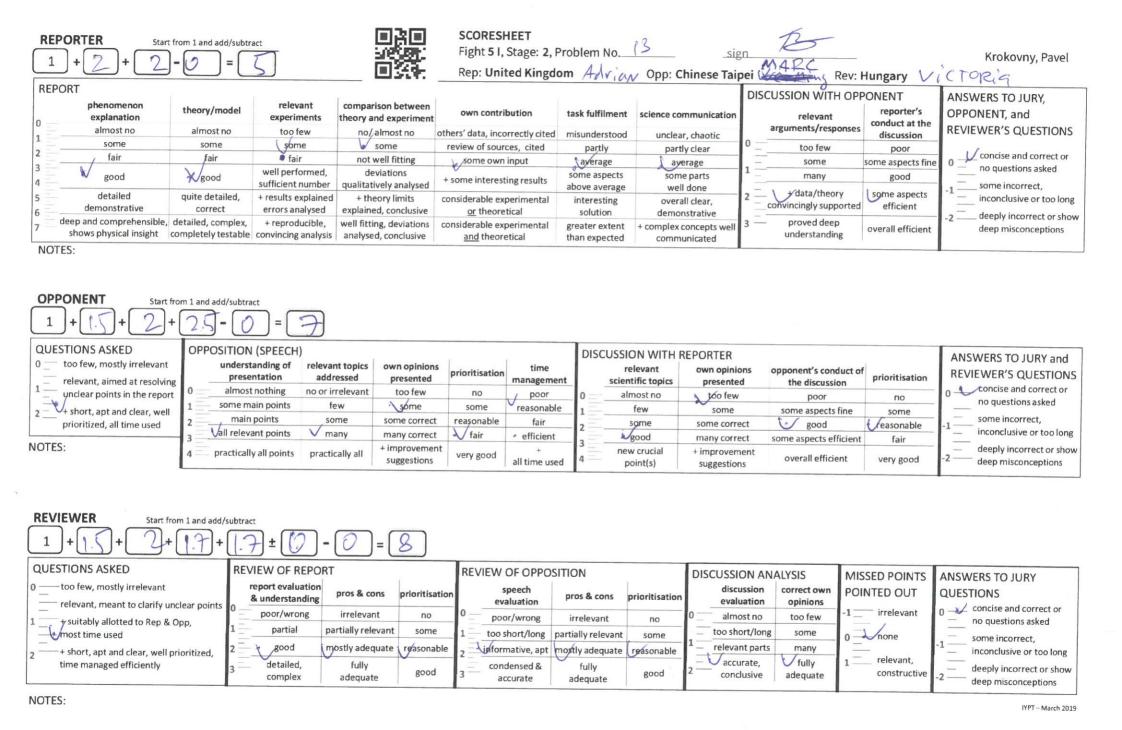
informative, apt mostly adequate

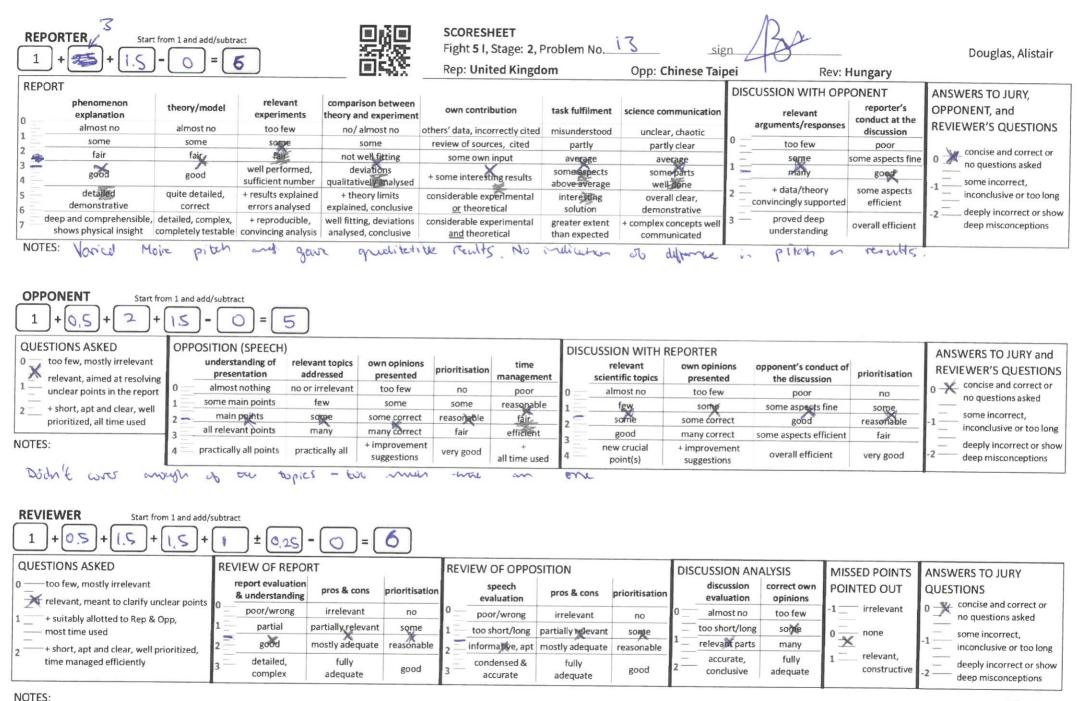
some

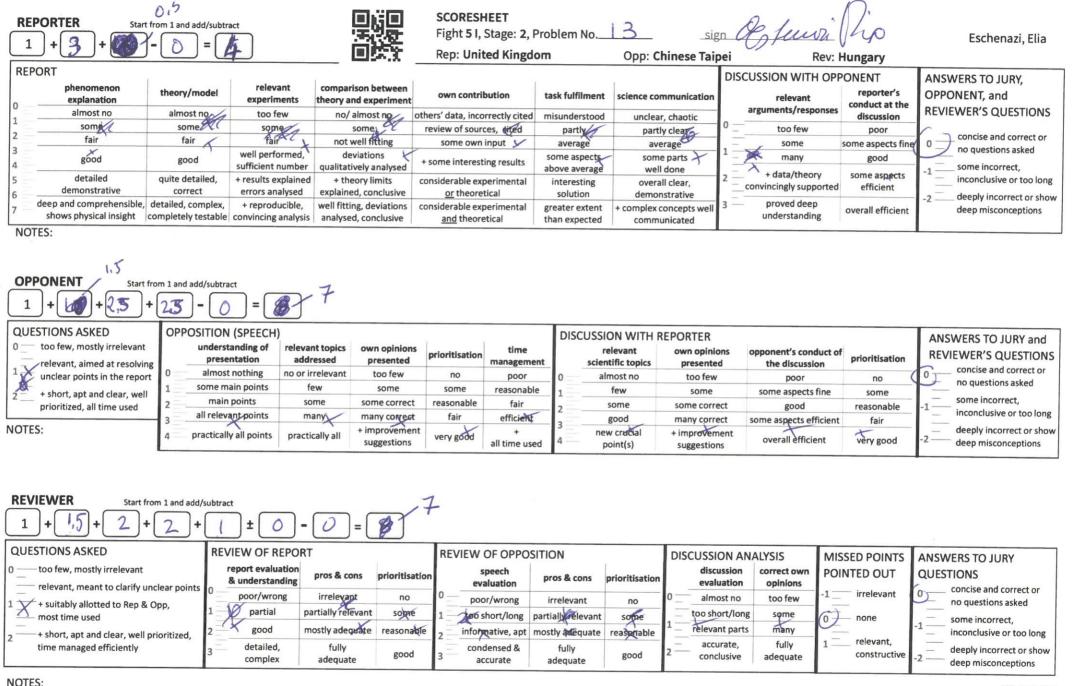
reasonable

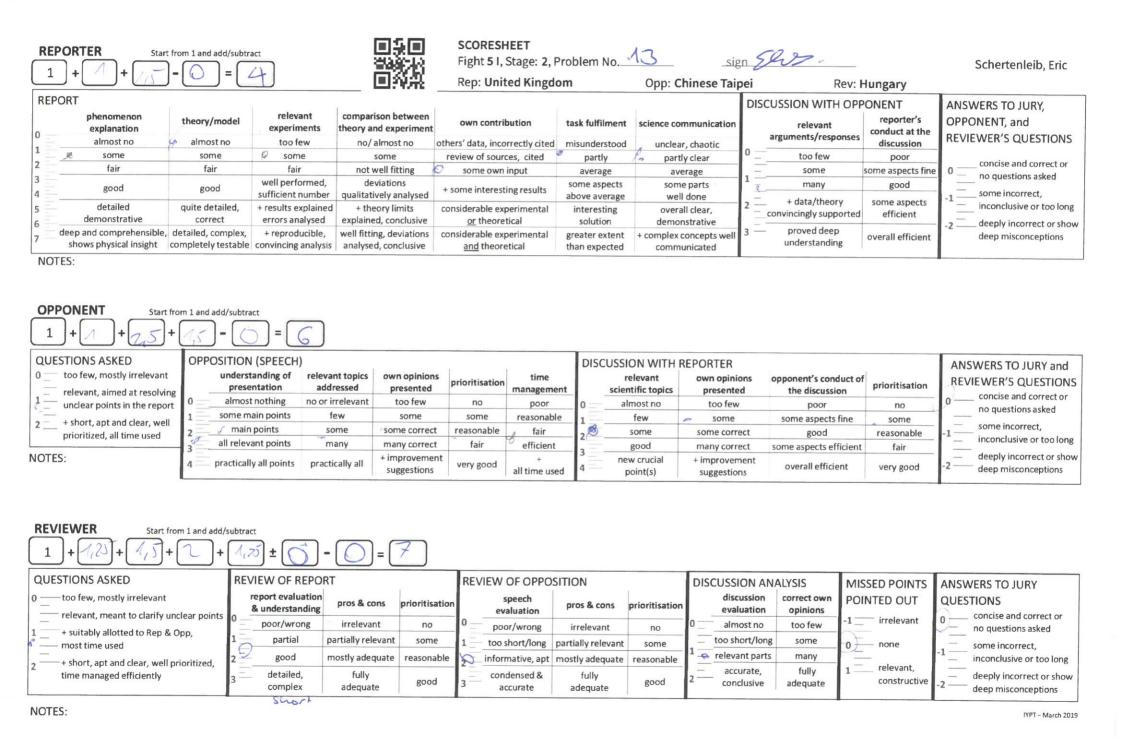
good

<b>REPORTER</b> Start  1 + 3,5 + 0,5	from 1 and add/su	btract		SCORESHEET Fight 5 I, Stage: 2, F			ign A		Kulinskyi, Volodymyr
		2	EI:359	Rep: United Kingdo	om	Opp: Chinese Ta	ipei 7 F	lev: Hungary	
REPORT		1					DISCUSSION WITH	OPPONENT	ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	n relevant	reporter's	OPPONENT, and
almost no	almost no	too few		others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respo	conduct at the discussion	REVIEWER'S QUESTIONS
some	some	) some	some	review of sources, cited	partly	partly clear	0too few	poor	annin and annu t
fair	fair	fair	not well fitting	some own input	average	average	some	some aspects fine	o concise and correct or no questions asked
good)	good	well performed, sufficient number	deviations qualitatively analysed	+ 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/theor		inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative	convincingly supp		deeply incorrect or show
7 deep and comprehensible,			well fitting, deviations	considerable experimental	greater extent	+ complex concepts wel	1 3 — proved deep	OVERAL Atticient	deep misconceptions
shows physical insight NOTES:	completely testab	ole   convincing analysis	analysed, conclusive	and theoretical	than expected	communicated	understandin	g	
OPPONENT  1 + Q,5 + 2,5 +  QUESTIONS ASKED  0 too few, mostly irrelevant relevant, aimed at resolvin unclear points in the repor  2 + short, apt and clear, well prioritized, all time used  NOTES:	g under pression of the some 2 all rel	DN (SPEECH) rstanding of relevant addressentation ost nothing no or in main points for ain points so evant points main points are relevant points os on the relevant points of the relevant points	nt topics essed presented relevant too few some me some correct any himprovement suggestions	no poor reasonable fair efficient	re scient 0 aln e 1 2 3 nev	ON WITH REPORTER elevant tiffic topics present most no too fe few some cor good many cor v crucial oint(s) + improve suggesti	opponent's cond the discussion w poor some aspects good rect some aspects eff ment overall efficie	no no reasonable fair	ANSWERS TO JURY and REVIEWER'S QUESTIONS   o concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
REVIEWER         Start fr           1         + 9,5         +         2         +	rom 1 and add/sub	tract ±	= 7						
QUESTIONS ASKED	R	EVIEW OF REPORT		REVIEW OF OPPOS	ITION	DISCUSS	SION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0 — too few, mostly irrelevant	1	report evaluation		connect	1	dis	cussion correct own	POINTED OUT	QUESTIONS
relevant, meant to clarify u	nclear points o	& understanding	pros & cons prioritisa	evaluation	pros & cons	orioritisation eva	aluation opinions		n concise and correct or
1 + suitably allotted to Rep &		poor/wrong	irrelevant no	0poor/wrong	irrelevant	no 0 alr	most no too few	-1 irrelevant	no questions asked
— most time used	1	partial pa	rtially relevant some	1 too short/long	partially relevant	1 —	hort/long some	0 — none	some incorrect,
	prioritized, 2	good on	ostly adequate reasona	ble 2 informative, apt	nostly adequate	TE as Oliable	vant parts many		inconclusive or too long
time managed efficiently	3	detailed,	fully	condensed &	fully		curate, fully nclusive adequate	1 relevant, constructive	deeply incorrect or show
		complex	adequate	3 accurate	adequate	5000 (0)	nclusive adequate	constructive	-2 — deep misconceptions
NOTES:									IVPT - March 2010









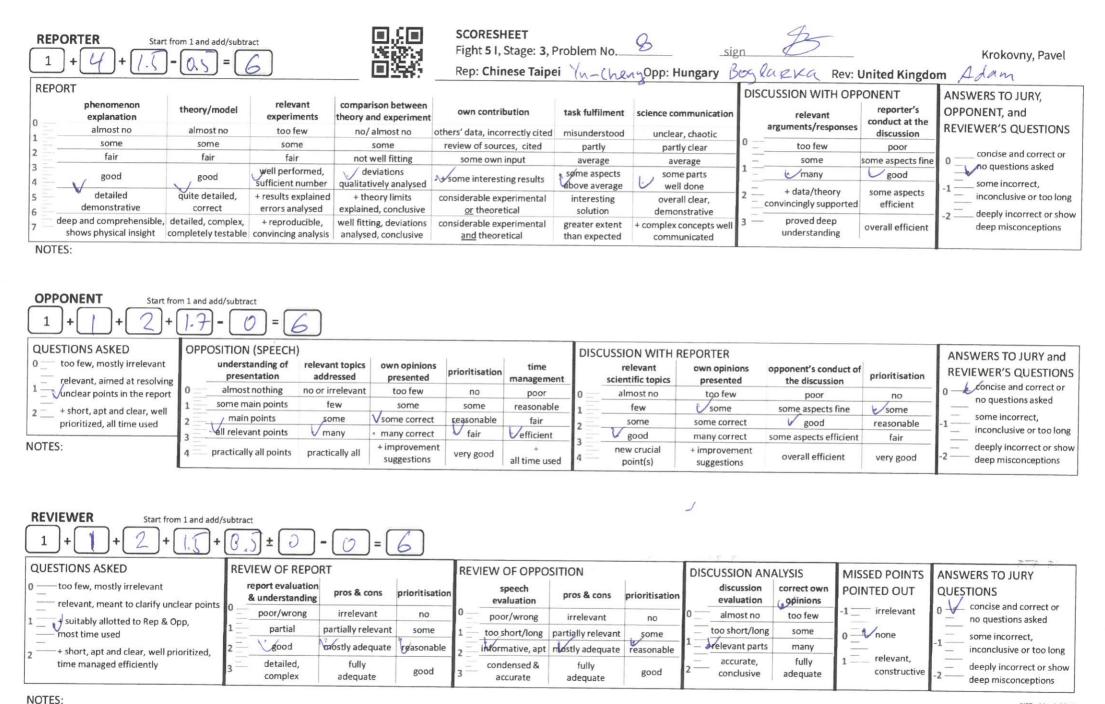
REPORTER 1 +	Start from 1 a	and add/subtrac	Z.		Fight 5	SHEET I, Stage: 3, F ninese Taipe		Opp: H		n Eles	— ev: United Kingdo	Schertenleib, Eric
0 exi al 1 2 3 4 5 dem deep and deep an	planation most no all some fair good letailed quite onstrative comprehensible, detaile	e detailed, correct ed, complex,	relevant experiments too few some fair well performed, sufficient number + results explained errors analysed + reproducible, convincing analysis	comparison betwee theory and experime no/ almost no some not well fitting deviations qualitatively analyse + theory limits explained, conclusive well fitting, deviation analysed, conclusive	others' data, in review of so some ov  d + some intere considerable e or theo s considerable e	vn input esting results experimental pretical experimental	task fulfilment misunderstood partly average some aspects above average interesting solution greater extent than expected	unclear partly ave some well overal demon	nmunication  , chaotic y clear rage e parts done Il clear, strative oncepts well inicated	DISCUSSION WITH  relevant arguments/respo  too few some many convincingly suppo proved deep understanding	OPPONENT reporter's conduct at the discussion poor some aspects fine good some aspects efficient	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
relevant, unclear po	+2+215	PPOSITION ( understail present almost n some mai main p all relevan	SPEECH)  Inding of releval retation add retation address retation address retained and retail retails retails retail retails retails retail retails retails retail retails retails retail retails	nt topics own opini presente too few some corr any many corr cally all	no some ect reasonable ect fair nent very good	poor reasonable fair efficient	nt scier al 2 3 3 ne	ON WITH R elevant ntific topics most no few some good w crucial point(s)	EPORTER  own opinio presented  too few some some corre many corre + improvem suggestion	the discussion poor some aspects fi ct good ct some aspects effi ent overall efficier	n prioritisation no ne some reasonable cient 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
relevant, r + suitably a most time + short, ap	nostly irrelevant neant to clarify unclear p allotted to Rep & Opp,	REVIII re. &		irrelevant nortially relevant so ostly adequate reason fully	isation o p me 1 too nable o o 0 p	V OF OPPOSI speech evaluation oor/wrong o short/long p ormative, apt m ondensed & accurate	pros & cons	prioritisation no some reasonable good	discu evalu	ssion correct own opinions st no too few ort/long some nt parts many rate, fully	MISSED POINTS POINTED OUT  -1 irrelevant (	ANSWERS TO JURY QUESTIONS  concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
IOTES:									own	opp.mss.		IYPT – March 2019

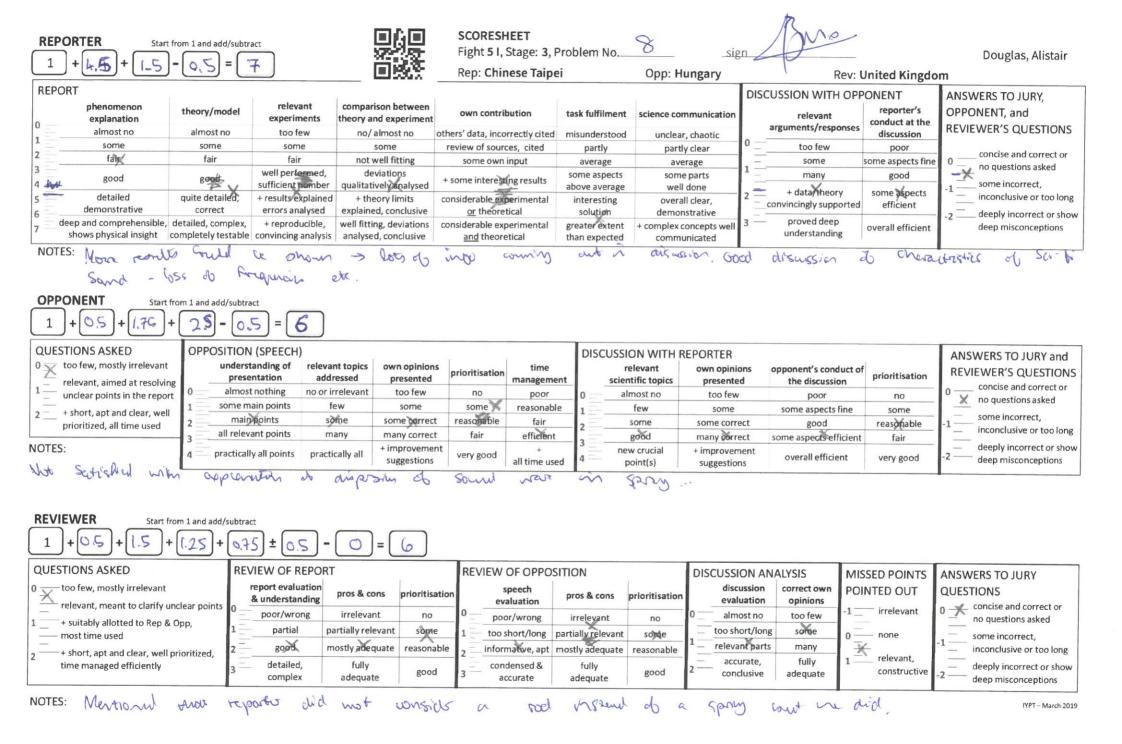
Please, suitably adjust your grades taking into regard the [1,10] range.

NOTES:

	from 1 and add/subtr	ract	国 為国 知识现(3)	SCORESHEET Fight 5 I, Stage: 3, F	Problem No		sign	12		Kulinskyi, Volodymyr
1 + 3,5 + 1	=	6	直黎縣		Rep: Chinese Taipei Opp: Hungar			R	ev: United Kingdo	
REPORT					***			USSION WITH		ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between	own contribution	task fulfilment	science communic		relevant	reporter's	OPPONENT, and
0 almost no	almost no	too few	theory and experiment no/almost no	others' data, incorrectly cited	misunderstood	unclear, chaot		arguments/respo	conduct at the discussion	REVIEWER'S QUESTIONS
1 some	some	some	some	review of sources, cited	partly	partly clear	0	too few	poor	
2 fair	Feli	fair	not well fitting	some own input	average	average		some	some aspects fine	0 concise and correct or no questions asked
4 good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects	some parts well done	)	many + data/theor	good good	some incorrect,
5 detailed demonstrative	quite detailed, correct	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,		onvincingly supp		inconclusive or too long
deep and comprehensible,		+ reproducible,	explained, conclusive well fitting, deviations	or theoretical considerable experimental	solution	demonstrative	e	proved deep		-2 deeply incorrect or show
shows physical insight			analysed, conclusive	and theoretical	greater extent than expected	+ complex concept communicate		understandin	Overall efficient	deep misconceptions
OPPONENT Start for	rom 1 and add/subtr	act								
1+(+2)+	- [1,0] -	]=[6]								
QUESTIONS ASKED	OPPOSITION	(SPEECH)			DISCUSSIO	ON WITH REPOR	RTER			ANSWERS TO JURY and
too few, mostly irrelevant			nt topics own opinion	prioritisation	54.00			opponent's cond	prioritication	REVIEWER'S QUESTIONS
relevant, aimed at resolving	g alman	Section 1997	relevant too few	no poor			resented	the discussion	on ,	o concise and correct or
unclear points in the report			ew some	no poor some reaso <u>na</u> bl			some )	poor	no no	no questions asked
2 — + short, apt and clear, well prioritized, all time used	2 mair	points so	me some correct	(2)			ne correct	good	reasonable	some incorrect,
	3 all relev	rant points m	any many correct	fair efficient	2 - 1			some aspects eff		inconclusive or too long
NOTES:	4 practical	ly all points practi	+ improvement suggestions	very good + all time use		The second secon	provement ggestions	overall efficie	nt very good	-2 deeply incorrect or show deep misconceptions
REVIEWER Start for										
1 + Dif + +	om 1 and add/subtra	±	= 6							
QUESTIONS ASKED	RE	VIEW OF REPORT		REVIEW OF OPPOS	ITION	DISC	CUSSION AN	IALYSIS	MISSED POINTS	ANSWERS TO JURY
0 — too few, mostly irrelevant		report evaluation	pros & cons prioritisa	speech speech	pros & cons	prioritisation	discussion	correct own	POINTED OUT	QUESTIONS
relevant, meant to clarify ur	nclear points 0	& understanding	·	evaluation		on on this action	evaluation	opinions	-1 irrelevant	0 concise and correct or
1 + suitably allotted to Rep &	Opp,	poor/wrong partial pa	irrelevant no	poor/wrong	irrelevant	no 0 _	almost no	too few	cicvant	no questions asked
— most time used	1 =		rtially relevant some	too short forig	partially relevant	some 1	too short/long		0 none	-1 some incorrect,
+ short, apt and clear, well p	orioritized,		ostly adequate reasona			reasonable	relevant parts	fully	relevant,	inconclusive or too long
time managed efficiently	3 -	detailed, complex	fully adequate good	3 condensed & accurate	fully adequate	good 2	conclusive	fully adequate	constructive	-2 — deeply incorrect or show deep misconceptions

NOTES:





REPORTER Start	from 1 and add/s	ubtract /	(7)	비상(티	SCORE			12			フィン		
1 + 4 + 1,6	- (1) =		(T)		Fight 5	I, Stage: <b>3</b> ,	Problem No.	8	_sig	$gn = \mathcal{O}($	02	-	Eschenazi, Elia
	<u>- (0) = </u>				Rep: C	hinese Taip	ei	Орр: Н	ungary		Rev:	: United Kingdo	
REPORT			1							DISCUSSION	N WITH OF	PPONENT	ANSWERS TO JURY,
phenomenon explanation	theory/mode	relevant experimen		on between I experiment	own con	ntribution	task fulfilmen	t science co	mmunication	re	elevant	reporter's	OPPONENT, and
almost no	almost no	too few	no/ al	most no o	thers' data, i	ncorrectly cited	d misunderstoo	d unclea	r, chaotic	argumer	nts/response	discussion	REVIEWER'S QUESTIONS
some	some	some	so	ome	review of so	ources, cited	partly	parti	y clear	0 to	oo few	poor	
fair	fair	fair		ell fitting	some or	wn input	average	ave	erage		some	some aspects fine	concise and correct or no questions asked
4 good	good	well perform sufficient aun		ations ely apalysed	+ some inter	esting results	some aspects		e parts	1	many	good	
5 detailed 6 demonstrative	quite detailed		ined + theo			experimental	interesting solution	overa	ll clear,	2	ita/theory igly supporte	some aspects ed efficient	-1 some incorrect, inconclusive or too long
deep and comprehensible, shows physical insight			ole, well fitting		or theoretical considerable experimental and theoretical		greater extent	reater extent + complex con		3 proved deep understanding		overall efficient	deeply incorrect or show deep misconceptions
OPPONENT Start fr 1 + 1 + 2 6 +	rom 1 and add/su	0 = 6											
QUESTIONS ASKED	OPPOSITI	ON (SPEECH)					DISCUSS	ION WITH R	EPORTER				ANSWERS TO JURY and
0 too few, mostly irrelevant			elevant topics	own opinions	prioritisati	time		relevant	own opinio	ons opponer	nt's conduct	of	REVIEWER'S QUESTIONS
		esentation	addressed	presented	prioritisati	managem	ent scie	entific topics	presente		discussion	prioritisation	concise and correct or
unclear points in the report			o or irrelevant	too few	no	poor		almost no	too few		poor	no	no questions asked
2 - + short, apt and clear, well		e main points lain points	few	some	some	reasonab	ole 1	few	some	some	aspects fine	some	some incorrect,
prioritized, all time used	-	levant points	many	some correct	reasonabl		2	some	some corre		good	reasonable	-1 inconclusive or too long
NOTES:	3			many correct improvement	fair	efficient	3	good	many corre		pects efficien	nt fair	
	4 practi	cally all points p	oractically all	suggestions	very good	all time us		point(s)	+ improvem suggestion	OVATO	all efficient	very good	-2 deeply incorrect or show deep misconceptions
REVIEWER Start from 1 +	om 1 and add/sub	tract 1.5 ± 0	) <b>-</b> () =	5	DEV/E	W OF OPPO	CITION		Largeres				
too few, mostly irrelevant	- 1	report evaluation	1		VEALE		SITION	F		ON ANALYSIS		ISSED POINTS	ANSWERS TO JURY
						speech		la ser series o	discu	ission correc	ct own   PC	MAITED OUT	QUESTIONS
				prioritisati	on	evaluation	pros & cons	prioritisation	evalu	ration onin	ione	DINTED OUT	QUESTIONS
relevant, meant to clarify un		& understandin		prioritisat		evaluation					nions	irrelevant	o concise and correct or
+ suitably allotted to Rep & (		& understandin	pros & con:	no	o	poor/wrong	irrelevant	no	0 almo	ost no too	few -1		
+ suitably allotted to Rep & 0 most time used	Орр,	& understandin poor/wrong partial	irrelevant	no ant some	0	poor/wrong po short/long	irrelevant partially televant	no some	0almo	ost no too ort/long sor	few -1		o concise and correct or no questions asked
+ suitably allotted to Rep & (	Орр,	& understandin	pros & con:	no ant some	0	poor/wrong po short/long	irrelevant	no	0 almo	ost no too ort/long sor nt parts ma	few -1	irrelevant	O concise and correct or no questions asked

NOTES: