## Overview of the NTCIR-12 QA Lab-2 Task

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## **ABSTRACT**

The NTCIR-12 QA Lab-2 task aims at the real-world complex Question Answering (QA) technologies using Japanese university entrance exams and their English translation on the subject of "World history". The exam questions are roughly divided into multiple-choice and free-description styles, and have various question formats, which are essay, factoid, slot-filling, true-or-false and so on. We conducted three phases of formal runs, and collaborated on Phase-2 Japanese subtask with the Todai Robot Project. Twelve teams submitted 148 runs in total. We describe the used data, the hierarchy of question formats, formal run results, and comparison between human marks and automatic evaluation scores for essay questions.

## **Categories and Subject Descriptions**

H.3.4 [INFORMATION STORAGE AND RETRIEVAL]: Systems and Software - Performance evaluation (efficiency and effectiveness), Question-answering (fact retrieval) systems.

#### **General Teams**

Experimentation

#### **Keywords**

NTCIR-12, question answering, university entrance examination, world history, essay question

#### 1. INTRODUCTION

The goal is to investigate the real-world complex Question Answering (QA) technologies using Japanese university entrance exams and their English translation on the subject of "World history". The questions were selected from two different stages - The National Center Test for University Admissions (multiple choice-type questions) and secondary

exams at 5 universities in Japan (complex questions including essays). Both Japanese and English translations of the topics (questions) were provided in the XML format that is defined in QA Lab[1].

Some of the highlights are:

- 1. Solving real-world problems.
- 2. Many questions require an understanding of the surrounding context.
- 3. Some questions require inference.
- Encourage the investigation on each question types, including complex essay, simple essay, factoid, slotfilling, true-false, etc.
- 5. Good venue to investigate specific answer types (e.g. person-politician, person-religious), advanced entity-focused passage retrieval, enhance knowledge resources, semantic representation and sophisticated learning.

As knowledge resources, 4 sets of high school textbook, Wikipedia and World History Ontology[2] were provided. Participants could use any other resources (need to report). Two open-source baseline QA systems and one passage retrieval systems were also provided. Tests in English subtask were done in two phases (Phase-1 and -3). Tests in Japanese subtask were done in three phases (Phase-1, -2 and -3). In the first phase, question formats, which are shown in Table 1, were explicitly provided and the participants allowed to work on specific question format(s) only. The evaluation results were analyzed according to the formats.

• Open Advancement: We encourage each participant to work with own purpose(s) on end-to-end system, on particular question types and/or component(s) either of the QA platform provided or own system, or to build any resources/tools usable to improve QA systems for entrance exams.

- Evaluating continuous progress and Enhance the knowledge resources: The organizers run all the components contributed from participants periodically to see the progress.
- Forum: We place emphasis on building a community by bridging different communities.

At NTCIR-12, we collaborated with Todai Robot Project [3], which aims to pass the entrance exam for the University of Tokyo by 2021 in order to open up a new horizon of Artificial Intelligence. Todai Robot Project takes up 8 subjects including "world history" in only Japanese, although we called for participation all over the world through the English translations. Moreover, we have tackled essay questions since NTCIR-11 before the Todai Robot Project tackled them. Japanese subtask Participants also joined Todai Robot Project as Phase-2 in QA Lab-2, while Todai Robot Project provided us the exams data including mock exams of three cramming schools.

## 2. TASK DESCRIPTION

A single subtask was carried out in three separate phase. Table 2 shows subtasks in each phase. Phase-2 was a challenge of the latest mock exams at that time. The submitted results were evaluated by lecturers in world history at the cramming schools. Because the lecturers are not experts in English, Phase-2 was only for Japanese subtask.

## 2.1 Topics

Table 3 shows training set and test set in each phase. Each phase has a separate training set and test set with similar difficulty. Multiple choice questions were selected from the National Center Test in 1997, 1999, 2001, 2003, 2005, 2007, 2009 and 2011, the mock exams of Yoyogi Seminar (Yozemi) cramming school in 2012, 2013 and 2014, and the mock exams of Benesse Corporation (Benesse) in 2014 June, 2014 September, 2014 November and 2015 June. Free description questions were selected from secondary exams of five universities, which were the University of Tokyo, Kyoto University, Hokkaido University, Waseda University and Chuo University, in 2003, 2005, 2007, 2009 and 2011, and the mock exam of Sundai Preparatory School (Sundai) in 2013 August, 2013 November, 2014 August, 2014 November and 2015 August. In addition, for complex essay questions, we used secondary exams of the University of Tokyo in 2000, 2001, 2002, 2004, 2006, 2008 and 2010, and Kyoto University in 2004, 2006, 2008 and 2010, Notice that complex essay questions were only in the University of Tokyo and Kyoto University, and that mock exam data were only for Japanese subtask because of no translation. Participants are free to participate any particular phase and either of exams.

## 2.2 Run Types

Besides end-to-end run, We carried out IR run and combination run. IR run is for IR researchers to participate easily in QA Lab, and is a task of retrieving documents including answers to given questions. Combination run means making a system answer using other systems' results in order to yield better results. As the original QA platform consists of four modules shown in Figure 1, we requested participants to submit results of each module. Table 4 shows the submissions in each phase. Notice that Phase-2 had only end-to-end run because of the lecturers' evaluation. Using the

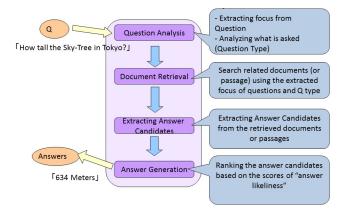


Figure 1: Module Structure of the original QA Platform

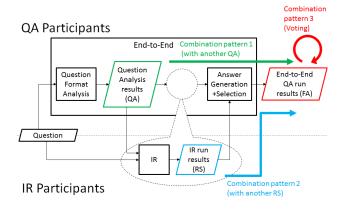


Figure 2: Three patterns of combination run

submitted results, we defined the following three patterns of combination as shown in Figure 2:

• Pattern 1: Using another system's QA result

Input: QA result Output: FA result

• Pattern 2: Using another system's RS result

Input: RS result Output: FA result

• Pattern 3: Voting by several FA results

Input: FA results
Output: FA result

## 2.3 Training Set

The training sets were delivered on July 1st for the participants who submitted the signed user agreement forms. Japanese training set consists of

J1) the training and test data sets used in NTCIR-11 QA-Lab task and contains – i) three sets of National Center Test questions, ii) two sets of Second-stage Examinations questions, iii) Knowledge Sources (a snapshot of Wikipedia, 4 sets of high school textbooks on world history), and vi) Right Answers.Right answers for the essays are the reference essays and weighted nuggets voted by three assessors with scores 0-3. Table 1: Hierarchy of question formats

Question formats	Code
· · · · · · · · · · · · · · · · · · ·	
(A) Essay	Е
(A1) Complex Essay	E-C
Complex Essay with Keyword	E-C-K
Complex Essay by Time Period and Region with Keyword	E-C-K-TR
Complex Essay by Topic with Keyword	E-C-K-T
Complex Essay without Keyword	E-C-N
(A2) Simple Essay	E-S
(B) Term	Т
(B1) Factoid	T-F
Multiple-Choice Factoid	T-F-C
Multiple-Choice True Factoid	T-F-C-T
Multiple-Choice False Factoid	T-F-C-F
Factoid with Limitation	T-F-L
Factoid without Limitation	T-F-N
(B2) Slot-Filling	T-SF
Multiple-Choice Slot-Filling	T-SF-C
Descriptive Slot-Filling	T-SF-D
(C) True-or-False	TF
(C1) Relative True-or-False	TF-R
Relative True	TF-R-T
Relative True in Focus Word	TF-R-T-F
Relative True in Whole Sentence	TF-R-T-N
Relative False	TF-R-F
Relative False in Focus Word	TF-R-F-F
Relative False in Whole Sentence	TF-R-F-N
(C2) Absolute True-or-False	TF-A
(D) Unique	U
(D1) Unique Image	U-I
Unique Map	U-I-M
Unique Graph	U-I-G
Unique Picture	U-I-P
(D2) Unique Time	U-T
Únique Time Reordering	U-T-R
Unique What Time	U-T-W
(D3) Unique Mixed	U-M
(D4) Unique Other	U-O
<u> </u>	

Table 2: Subtasks in each phase

Subtask	Phase-1	Phase-2	Phase-3
Japanese	YES	YES	YES
English	YES	N/A	YES

J2) New Knowledge source – 3 sets of high school textbooks annotated by named entities

English training set consists of

E1) the training and test data sets used in NTCIR-11 QA-Lab task and contains – i) three sets of National Center Tests, ii) two sets of Second-stage Examinations, iii) Knowledge Sources (a snapshot of Wikipedia subset related to world history), and vi) Right Answers.

Notice that the Right answers and nuggets for Essays are provided in Japanese only.

## 2.4 Phase-1

To support the deeper analysis and investigation about each format of questions, we had defined the following set of

the questions formats and provide the question format table which describing the question format of the each question in the test set. Each participant could choose whether using this corresponding table or not. Each participant could decide to run on every question formats or on particular question format(s) only. The evaluation results were provided by question formats.

We assigned the following six types of question formats:

- (A1) Complex Essay (E-C)
- (A2) Simple Essay (E-S)
- (B1) Factoid (T-F)
- (B2) Slot-Filing (T-SF)
- (C) True-or-False (TF)
- (D) Unique (U)

## 2.5 Phase-2

Participate in the mock exam which organized by Todai Robot Project, which are designed to preliminary trail for the National Center Tests and the Second-stage Examination of the University of Tokyo.

Table 3: Training set and Test set in each phase

Data	Type	Training	Phase-1	Phase-2	Phase-3
National Center Test	multiple choice	1997,2001,2003	1999	N/A	2011
		2005,2007,2009			
Secondary Exams					
The University of Tokyo					
Complex Essay	free description	2000,2005,2007,2009	2001,2003,2006,2010	N/A	2002,2004,2008,2011
Others	free description	2005,2007,2009	2003	N/A	2011
Kyoto University					
Complex Essay	free description	2005,2007,2009	2003,2006,2010	N/A	2004,2008,2011
Others	free description	2005,2007,2009	2003	N/A	2011
Hokkaido University	free description	2005,2007,2009	2003	N/A	2011
Waseda University	free description	2005,2007,2009	2003	N/A	2011
Chuo University	free description	2005,2007,2009	2003	N/A	2011
Mock Exams					
Yozemi*	multiple choice	2013b,2013c	2012,2013a	N/A	2013d,2014a
Benesse*	multiple choice	2014Jun	2014Nov	2015Jun	2014Sep
Sundai*	free description	2014Aug,2014Nov	2013Nov	2015Aug	2013Aug

<sup>\*</sup> Mock exams data were only for Japanese subtask because of no translation.

Table 4: Submissions in each phase

Submission	Period	Phase-1	Phase-2	Phase-3						
Question Analysis results (QA)	1st	YES	N/A	YES						
Queries for IR	1st	YES	N/A	YES						
End-to-End QA run results (FA)	2nd	YES	YES	YES						
IR run results (RS)	2nd	YES	N/A	YES						
Combination run results	3rd	YES	N/A	YES						
System Description (SD)	3rd	YES	YES	YES						

## 2.6 Phase-3

The Question Type Table did not provided in this phase. Each participant could decide to run on every question types or on particular question type(s) only. The overall evaluation were provided.

## 2.7 Evaluation

For "Factoid", "Slot Filling", "True-or-False", and "Unique", the evaluation was done using the scores provided by National Center for University Admissions and each university, and the accuracy.

For "Complex Essay" and "Simple Essay", the evaluation was done using various versions of ROUGE and pyramid method using nuggets in Japanese Subtask. In Japanese Subtask, three reference essays for each of the Complex Essay questions and one reference essay for each of the Simple Essay questions and nuggets which were constructed by the reference essay writers and voted by three assessors with the weight (0-3) are used for pyramid method.

#### 2.8 Schedule

The NTCIR-12 QA Lab-2 Pilot task has been run according to the following timeline:

July 1, 2015: Training data release

#### Phase-1

Aug. 25, 2015: Formal run Topics release Aug. 25 - 31, 2015: Question Format Analysis Sep. 1 - 7, 2015: End-to-End QA and IR runs Sep. 8 - 14, 2015: Combination runs

#### Phase-2

Oct. 1, 2015: Formal run Topics release

Oct. 1 - 8, 2015: End-to-End QA for Sundai Mock Exam (free description)

Oct. 13 - 20, 2015: End-to-End QA for Benesse Mock Exam (multiple choice)

## Phase-3

Dec. 1, 2015: Formal run Topics release Dec. 1 - 7, 2015: Question Format Analysis Dec. 8 - 14, 2015: End-to-End QA and IR runs

Dec. 15 - 21, 2015: Combination runs

## NTCIR-12 CONFERENCE

Mar. 1, 2016: Draft paper submission to the Task organizers

May 1, 2016: Paper Submission for the Proceedings, which will be available online at the Conference.

June 7 - 10, 2016: NTCIR-12 Conference

## 3. COLLECTION AND TOOLS

## 3.1 Collection

Participants are free to use any resources available with the exception of the answer sets (readily available online in Japanese). In addition, the following resources are provided, but are not required to be used.

- A) Three sets of National Center Tests
- B) Two sets of Second-stage Examinations

- C) Knowledge Sources (a snapshot of Wikipedia subset related to world history)
- D) Right Answers

## 3.1.1 Sets of National Center Tests

Sets of National Center Tests, available in Japanese and English.

## 3.1.2 Sets of Second-stage Examinations

Sets of Second-stage Examinations, available in Japanese and English.  $\,$ 

## 3.1.3 Knowledge Sources

- Japanese high school textbooks on world history, available in Japanese.
- A snapshot of Wikipedia, available in Japanese and in English. (Participants can also use the current up-todate version).
  - Solr Instance with Indexed Wikipedia Subset (available in English)<sup>1</sup>
  - -NTCIR-11 QA Lab Japanese subtask: Wikipedia Data  $\mathrm{Set}^2$
- World history ontology, available in Japanese.<sup>3</sup>

## 3.1.4 Right Answers

- Right answers for National Center Tests, available in Japanese and English.
- Right answers for Second-stage Examinations, available in Japanese.
- Reference essays and nuggets for Essays, available in Japanese.

## 3.2 Tools

- 1 baseline QA system for English, based on UIMA (CMU)<sup>4</sup>
- 1 baseline QA system for Japanese, based on YNU's MinerVA, CMU's Javelin and a question analysis module by Madoka Ishioroshi[4], re-constructed and implemented as UIMA components by Yoshinobu Kano[5]<sup>5</sup>
- Scorer and Format Checker for National Center Test<sup>6</sup>
- Passage Retrieval Engine passache<sup>7</sup>

## 4. PARTICIPATION

Twelve groups as shown in Table 5 were participated in the end.

## 5. SUBMISSIONS

 $^1 \rm https://github.com/oaqa/ntcir-qalab-cmubaseline/wiki/Solr-Instance-with-Indexed-Wikipedia-Subset$ 

Table 5: Active Participating Group (as of Oct 15)

TeamID	Organization
ISOFT	Pohang University of Science and Technol-
	ogy (POSTECH)
CMUQA	Carnegie Mellon University
IMTKU	Tamkang University
KSU	Kyoto Sangyo University
NUL	Nihon Unisys, Ltd.
SML	Nagoya University
Forst	Yokohama National University
KitAi	Kyushu Institute of Technology
SLQAL	Waseda University
KUAS	National Kaohsiung University of Applied
	Sciences
WIP	Peking University
WUQA	Wuhan University of Science and Technol-
	ogy

#### **5.1** Phase 1

For the Phase 1 Formal run, 58 runs from 9 teams were submitted in total as shown in Table 6. The bracketed numbers in the table were the submitted numbers for combination run. For multiple choice questions, 36 end-to-end runs from 9 teams were submitted. For free description questions, 12 end-to-end runs from 3 teams were submitted.

## **5.2** Phase 2

For the Phase 2 Formal run, 27 runs from 5 teams were submitted in total as shown in Table 7. For multiple choice questions, 17 end-to-end runs from 5 teams were submitted. For free description questions, 10 end-to-end runs from 2 teams were submitted. In Phase 2, combination run was not executed.

#### **5.3** Phase 3

For the Phase 3 Formal run, 63 runs from 12 teams were submitted in total as shown in Table 7. The bracketed numbers in the table were the submitted numbers for combination run. For multiple choice questions, 53 end-to-end runs from 12 teams were submitted. For free description questions, 10 end-to-end runs from 2 teams were submitted.

## 6. RESULTS

## **6.1** Phase 1

Table 10 shows results of multiple choice questions, which are the sum in the Center Test (1999), the Yozemi mock exams (2012, 2013a) and the Benesse mock exam (2014Nov). Notice that the numbers of questions in each run were different because some teams did not submit all exam results, and that the numbers of coreect, incorrect and N/A answers were counted only in the submitted results. The correct rate was the number of correct answers divided by the number of questions. The total score was calculated based on the published scores, and the average score was the total score divided by the number of questions. There was little difference between the order of correct rates and the order of total/average scores. According to Table 10, ISOFT was the best avarage score although it included manual tagging of

<sup>&</sup>lt;sup>2</sup>http://warehouse.ntcir.nii.ac.jp/openaccess/qalab/11QALab-ja-wikipediadata.html

<sup>&</sup>lt;sup>3</sup>http://researchmap.jp/zoeai/event-ontology-EVT/

<sup>&</sup>lt;sup>4</sup>https://github.com/oaqa/ntcir-qalab-cmu-baseline

<sup>&</sup>lt;sup>5</sup>https://bitbucket.org/ntcirqalab/factoidqa-centerexam/

 $<sup>^6</sup> https://bitbucket.org/ntcirqalab/qalabsimplescorer$ 

<sup>&</sup>lt;sup>7</sup>https://code.google.com/p/passache/

Table 6: The number of submitted run for Phase 1

oup ID EN JA											
EN		$J\overline{A}$									
Center	2nd	Center	2nd	M	ıs						
				Benesse	Yozemi	Sundai					
3	-	-	-	-	-	-					
3	3	-	-	-	-	-					
2	-	-	-	-	-	-					
-	-	2(4)	3	2(3)	2(3)	2					
-	-	3	2	3	3	2					
-	-	2	-	2	2	-					
-	-	3	-	-	-	-					
-	-	1	-	-	-	-					
-	-	3	-	-	-	-					
	Center 3 3	3 - 3 3	Center         2nd         Center           3         -         -           3         3         -           2         -         -           -         -         2(4)           -         -         3           -         -         2	Center         2nd         Center         2nd           3         -         -         -           3         3         -         -           2         -         -         -           -         -         2(4)         3           -         -         3         2           -         -         2         -	Center         2nd         Center         2nd         M Benesse           3         -         -         -         -           3         3         -         -         -         -           2         -         -         -         -         -           -         -         2(4)         3         2(3)           -         -         3         2         3           -         -         2         -         2	Center         2nd         Center         2nd         Mock Examemation           Benesse         Yozemi           3         -         -         -         -           3         3         -         -         -         -           2         -         -         -         -         -           -         -         2(4)         3         2(3)         2(3)           -         -         3         2         3         3           -         -         2         -         2         2					

Table 7: The number of submitted run for Phase 2

TeamID	JA					
	Mock Exams					
	Benesse Sunda					
KSU	3	-				
NUL	3	-				
SML	6	5				
Forst	3	5				
KitAi	2	-				

named entities. Among fully automated systems, NUL was the best and KSU was the second best.

Table 11 shows results of free description questions, which are the sum in the secondary exams of the University of Tokyo (2003), Kyoto University (2003), Hokkaido University (2003), Waseda University (2003) and Chuo University (2003), and the Sundai mock exam (2013Nov). Notice that actual scores could not be calculated because the point allotments in the secondary exams were secret. According to Table 11, Forst was the best ROUGE score for essay questions, and SML was the best correct rate for other questions.

## **6.2** Phase 2

Table 12 shows results of multiple choice questions in the Benesse mock exam (2015Jun). More than 400,000 students from all over Japan took the Benesse mock exam. The average total score of the examinees was 45.9. According to Table 12, NUL was the best total score. The standard score was 66.5.

Table 13 shows results of free description questions in the Sundai mock exam (2015Aug). More than 3,000 students that aspire to the University of Tokyo took the Sundai mock exam. The average total score of the examinees was 17.2. According to Table 12, Forst with the 5th priority was the best total score although it included many manual interventions such as sentence generation. Among fully automated systems, Forst with the 1st priority was the best.

## **6.3** Phase 3

Table 14 shows results of multiple choice questions, which are the sum of the Center Test (2011), the Yozemi mock exams (2013d, 2014a) and the Benesse mock exam (2014Sep). According to Table 14, NUL was the best avarage score and KUAS was the second best.

Table 15 shows results of free description questions, which are the sum of secondary exams of the University of Tokyo

(2011), Kyoto University (2011), Hokkaido University (2011), Waseda University (2011) and Chuo University (2011), and the Sundai mock exam (2013Aug). According to Table 15, SML got the best ROUGE score for easy questions and the best correct rate for other questions.

# 7. COMPARISON BETWEEN SCORES FOR ESSAY

Evaluation of essay questions, especially complex essay, is a hard task that is difficult even for humans. As a first step, we investigated how much scores by existing evaluation methods, such as the ROUGE method[11] and the pyramid method[12], accorded with human marks. Notice that only complex essay results with the top priority per team were evaluated by a human expert because of the limited budget. Table 9 shows Pearson correlation coefficients between human marks, ROUGE-1 scores, ROUGE-2 scores and pyramid scores. The bracketed numbers represent p-values. According to Table 9, the correlation between human marks and pyramid scores was very strong, and the correlation between human marks and ROUGE scores was strong.

## 8. CONCLUSIONS

We described the overview of the NTCIR-12 QA Lab-2 task. The goal is the real-world complex Question Answering (QA) technologies using Japanese university entrance exams and their English translation on the subject of "World history". We conducted three phases of formal runs, and collaborated on Phase-2 Japanese subtask with the Todai Robot Project. Twelve teams submitted 148 runs in total. We described the used data, the hierarchy of question formats, formal run results, and comparison between human marks and automatic evaluation scores for essay questions.

## Acknowledgment

Our thanks to participants, National Center for University Entrance Examinations, JC Educational Institute, Inc., Sundai Preparatory School, Benesse Corporation, Yoyogi Seminar and the answer creaters. Part of the task organization was supported by NII's Todai Robot Project[3]

## 9. REFERENCES

[1] Hideyuki Shibuki, Kotaro Sakamoto, Yoshinobu Kano, Teruko Mitamura, Madoka Ishioroshi, Kelly Y. Itakura, Di Wang, Tatsunori Mori, Noriko Kando. Overview of Table 8: The number of submitted run for Phase 3

Group ID		EN		JA						
	Center	2nd Exams	Center	2nd Exams	Mock Exams					
					Benesse	Yozemi	Sundai			
ISOFT	1	-	-	-	-	-	-			
CMUQA	3	-	-	-	-	-	-			
IMTKU	3(1)	-	3	-	-	-	-			
KSU	-	-	3	-	-	-	-			
NUL	-	-	3	-	3	-	-			
SML	-	-	3	1	3	3	3			
Forst	-	-	3	3	3	3	3			
KitAi	-	-	3	-	3	3	-			
SLQAL	-	-	1	-	-	-	-			
KUAS	3	-	-	-	-	-	-			
WIP	2	-	-	-	-	-	-			
WUQA	1	-	-	-	-	-	-			

Table 9: Pearson correlation coefficient

	Human	ROUGE-1	ROUGE-2
	$_{ m marks}$	scores	scores
ROUGE-1	0.625		
score	$(1.30 \times 10^{-2})$		
ROUGE-2	0.650	0.945	
scores	$(8.71 \times 10^{-3})$	$(1.11 \times 10^{-7})$	
Pyramid	0.818	0.780	0.650
scores	$(1.93 \times 10^{-4})$	$(6.04 \times 10^{-4})$	$(1.92 \times 10^{-4})$

- the NTCIR-11 QA-Lab Task. Proceedings of the 11th NTCIR Conference, 2014.
- [2] Ai Kawazoe, Yusuke Miyao, Takuya Matsuzaki, Hikaru Yokono, Noriko Arai. World History Ontology for Reasoning Truth/Falsehood of Sentences: Event Classification to Fill in the Gaps between Knowledge Resources and Natural Language Texts. In Nakano, Yukiko, Satoh, Ken, Bekki, Daisuke (Eds.), New Frontiers in Artificial Intelligence (JSAI-isAI 2013 Workshops), Lecture Notes in Computer Science 8417, pp.42–50, 2014.
- [3] http://21robot.org/
- [4] Madoka Ishioroshi, Yoshinobu Kano, Noriko Kando. A study of multiple choice problem solver using question answering system. IPSJ NL-215 research report. 2014. (in Japanese)
- [5] Yoshinobu Kano, 2014. Materials delivered at the Hands-on Tutorial for UIMA and the QA Lab baseline systems
- [6] Tatsunori Mori: Japanese question-answering system using A\* search and its improvement. ACM Trans. Asian Lang. Inf. Process. 4(3): 280–304 (2005)
- [7] Shima, H., Lao, N., Nyberg, E., Mitamura, T. (2008). Complex Cross-lingual Question Answering as Sequential Classification and Multi-Document Summarization Task. In NTCIR-7 Workshop.
- [8] https://github.com/oaqa/ntcir-qalab-cmu-baseline
- [9] https://code.google.com/p/passache/
- [10] Yoshinobu Kano. Kachako: a Hybrid-Cloud Unstructured Information Platform for Full Automation of Service Composition, Scalable Deployment and

- Evaluation. In the 1st International Workshop on Analytics Services on the Cloud (ASC), the 10th International Conference on Services Oriented Computing (ICSOC 2012). Shanghai, China, November 12nd 2012.
- [11] Chin-Yew Lin. ROUGE: A Package for Automatic Evaluation of Summaries. In Proceedings of the ACL-04 workshop 8, 2004.
- [12] Ani Nenkova and Rebecca Passonneau. Evaluating content selection in summarization: The pyramid method. In Proceedings of HLT/NAACL 2004, 2004.

## **APPENDIX**

We describe the datail results in Table 16 to 27.

Table 10: Results of multiple choice questions in Phase 1

End-to-End Run											
				# of	# of	# of	# of	Correct	Total	Average	
TeamID	Lang	guage	Priority	ques	correct	incorrect	N/A	rate	score	score	
BASELINE	E	N	1	41	14	27	0	0.341	32	0.780	
CMUQA	E	N	1	41	13	28	0	0.317	29	0.707	
CMUQA		N	2	41	13	28	0	0.317	30	0.732	
CMUQA		N	3	41	14	27	0	0.341	32	0.780	
Forst	J	A	1	149	45	104	0	0.302	121	0.812	
Forst	-	A	2	149	42	81	26	0.282	118	0.792	
IMTKU		N	1	41	12	19	10	0.293	31	0.756	
IMTKU		N	2	41	10	21	10	0.244	27	0.659	
IMTKU		N	3	41	0	0	41	0.000	0	0.000	
ISOFT*		N	1	41	28	10	3	0.683	71	1.730	
ISOFT*		N	2	41	27	11	3	0.659	68	1.660	
KitAi		A	1	149	44	105	0	0.295	119	0.799	
KitAi		A	2	113	35	78	0	0.310	94	0.832	
KSU		A	1	41	20	20	1	0.488	47	1.150	
KSU		A	2	41	20	20	1	0.488	48	1.170	
KSU		A	3	41	19	21	1	0.463	46	1.120	
NUL		A	1	41	18	23	0	0.439	43	1.050	
NUL		A	2	41	21	20	0	0.512	49	1.200	
NUL		A	3	41	15	26	0	0.366	36	0.878	
SLQAL		A	1	41	11	29	1	0.268	25	0.610	
SML		A	1	149	46	103	0	0.309	124	0.832	
$\operatorname{SML}$		A	2	149	48	101	0	0.322	129	0.866	
SML	J	A	3	149	46	103	0	0.309	125	0.839	
					nation Ru						
	Comb.	Input		# of	# of	# of	# of	Correct	Total	Average	
TeamID	pattern	data	Priority	ques	correct	incorrect	N/A	rate	score	score	
Forst	1	KitAi	1	149	43	106	0	0.289	117	0.785	
Forst	1	KitAi	2	149	43	106	0	0.289	116	0.779	
Forst	1	KitAi	3	149	43	90	16	0.289	121	0.812	
Forst	1	SLQAL	1	41	8	33	0	0.195	18	0.439	

<sup>\*</sup> including manual intervention.

Table 11: Results of free description questions in Phase 1

	Table II: Results of free description questions in Phase I												
					Essay		Others						
			# of	# of	ROUGE-1	ROUGE-2	# of	# of	# of	# of	Correct		
TeamID	Lang.	Priority	ques	N/A	score	score	ques	correct	incorrect	N/A	rate		
Forst	JA	1	31	0	0.307	0.0778	227	28	165	34	0.123		
Forst	JA	2	31	0	0.301	0.0712	123	10	107	6	0.0813		
Forst	JA	3	25	0	0.242	0.0697	81	6	69	6	0.0741		
IMTKU	EN	1	3	2	0.0326	0.00505	28	0	8	20	0		
IMTKU	EN	2	3	2	0.00833	0	28	0	8	20	0		
IMTKU	EN	3	3	2	0.0326	0.00505	28	0	8	20	0		
SML	JA	1	21	0	0.214	0.0476	114	3	41	70	0.0263		
SML	JA	2	21	0	0.237	0.0611	10	2	8	0	0.2		

Table 12: Results of multiple choice questions in Phase2

Table 12. Itesuits of multiple choice questions in I hase2													
	End-to-End Run												
			# of	# of	# of	# of	Correct	Total	Average				
TeamID	Lang.	Priority	ques	Correct	Incorrect	N/A	rate	score	score				
Forst	JA	1	63	22	41	0	0.349	62	0.984				
Forst	JA	2	63	28	35	0	0.444	74	1.17				
Forst	JA	3	63	23	40	0	0.365	67	1.06				
KitAi	JA	1	63	22	41	0	0.349	61	0.968				
KitAi	JA	2	63	23	40	0	0.365	64	1.02				
KSU	JA	1	63	26	37	0	0.413	70	1.11				
KSU	JA	2	63	23	40	0	0.365	61	0.968				
KSU	JA	3	63	21	42	0	0.333	55	0.873				
NUL	JA	1	63	43	20	0	0.683	121	1.92				
NUL	JA	2	63	43	20	0	0.683	121	1.92				
NUL	JA	3	63	42	21	0	0.667	118	1.87				
SML	JA	1	63	23	40	0	0.365	63	1.00				
SML	JA	2	63	25	38	0	0.397	68	1.08				
SML	JA	3	63	27	36	0	0.429	75	1.19				
SML	JA	4	63	28	35	0	0.444	78	1.24				
SML	JA	5	63	23	40	0	0.365	64	1.02				
SML	JA	6	63	19	44	0	0.302	52	0.825				
				l									

Table 13: Results of free description questions in Phase 2

						Essay				Others		
			Total	# of	# of	ROUGE-1	ROUGE-2	# of	# of	# of	# of	Correct
TeamID	Lang.	Priority	score	ques	N/A	score	score	ques	correct	incorrect	N/A	rate
Forst	JA	1	16	6	0	0.256	0.0458	10	8	2	0	0.8
Forst	JA	2	14	6	0	0.256	0.0469	10	5	5	0	0.5
Forst*	JA	3	17	6	0	0.346	0.0852	10	7	3	0	0.7
Forst*	JA	4	21	6	0	0.354	0.106	10	8	2	0	0.8
Forst*	JA	5	30	6	0	0.406	0.117	10	8	2	0	0.8
SML	JA	1	10	6	0	0.407	0.112	10	8	2	0	0.8
SML	JA	2	9	6	0	0.352	0.0848	10	8	2	0	0.8
SML	JA	3	15	6	0	0.401	0.103	10	8	2	0	0.8
SML	JA	4	11	6	0	0.395	0.111	10	8	2	0	0.8
SML	JA	5	12	6	0	0.398	0.116	10	8	2	0	0.8

<sup>\*</sup> including manual intervention.

Table 14: Results of multiple choice questions in Phase 3

	Table	14: nesu			choice que	estions	III F IIase	: 0	
		I		End-to-Er		1 11 C		TD + 1	
m ID	т	D	# of	# of	# of	# of	Correct	Total	Average
TeamID	Lang.	Priority	ques	correct	incorrect	N/A	rate	score	score
BASELINE	EN	1	36	9	27	0	0.25	27	0.75
CMUQA	EN	1	36	9	27	0	0.25	25	0.694
CMUQA	EN	2	36	8	28	0	0.222	23	0.639
CMUQA	EN	3	36	9	27	0	0.25	24	0.667
Forst	JA	1	153	56	97	0	0.366	158	1.03
Forst	JA	2	153	60	86	7	0.392	168	1.1
Forst	JA	3	153	46	106	1	0.301	124	0.81
IMTKU	EN	1	36	7	29	0	0.194	20	0.556
IMTKU	EN	2	36	7	29	0	0.194	20	0.556
IMTKU	EN	3	36	5	31	0	0.139	14	0.389
IMTKU	JA	1	36	8	28	0	0.222	24	0.667
IMTKU	JA	2	36	3	33	0	0.0833	8	0.222
IMTKU	JA	3	36	8	28	0	0.222	24	0.667
ISOFT*	EN	1	36	13	16	7	0.361	38	1.06
KitAi	JA	1	153	48	105	0	0.314	136	0.889
KitAi	JA	2	153	49	104	0	0.32	140	0.915
KitAi	JA	3	153	45	108	0	0.294	127	0.83
KSU	JA	1	36	14	22	0	0.389	38	1.06
KSU	JA	2	36	11	25	0	0.306	30	0.833
KSU	JA	3	36	14	22	0	0.389	38	1.06
KUAS	EN	1	36	21	15	0	0.583	58	1.61
KUAS	EN	1	36	14	22	0	0.389	40	1.11
KUAS	EN	2	36	16	20	0	0.444	47	1.31
NUL	JA	1	81	51	30	0	0.63	142	1.75
NUL	JA	2	81	51	30	0	0.63	141	1.74
NUL	JA	3	81	52	29	0	0.642	144	1.78
SLQAL	JA	1	36	13	23	0	0.361	35	0.972
SML	JA	1	153	59	94	0	0.386	165	1.08
SML	JA	2	153	52	101	0	0.34	145	0.948
SML	JA	3	153	52	101	0	0.34	146	0.954
WIP	EN	1	36	12	21	3	0.333	34	0.944
WIP	EN	2	36	12	21	3	0.333	34	0.944
WUQA	EN	1	36	6	27	3	0.167	17	0.472
				Combinati					
			# of	# of	# of	# of	Correct	Total	Average
TeamID	Comb.	Priority	ques	correct	incorrect	N/A	rate	score	score
IMTKU	KitAi	1	36	12	24	0	0.333	34	0.944

<sup>\*</sup> including manual intervention.

Table 15: Results of free description questions in Phase 3

		Tab	IC 10.	rtesur	s of free de	scription qu	resulon	is in I had	5C 0		
					Essay				Others		
			# of	# of	ROUGE-1	ROUGE-2	# of	# of	# of	# of	Correct
TeamID	Lang.	Priority	ques	N/A	score	score	ques	Correct	Incorrect	N/A	rate
Forst	JA	1	34	0	0.278	0.0644	155	52	101	2	0.335
Forst	JA	2	34	0	0.298	0.0673	155	38	109	8	0.245
Forst	JA	3	34	0	0.248	0.0581	155	52	101	2	0.335
SML	JA	1	34	0	0.269	0.0609	155	18	48	89	0.116
SML	JA	2	5	0	0.400	0.928	10	7	3	0	0.7
SML	JA	3	5	0	0.409	0.106	10	7	3	0	0.7

						$\mathbf{T}$	able	16:	Deta	ail re	sult	s of (	$\operatorname{Cent}$	er T	est i	n Ph	ase-	1						
			TOTAL	A40	A07	A09	A19	A29	A05	A10	A11	A25	A28	A06	A38	A01	A17	A33	A34	A36	A41	A14	A18	A24
TEAM_ID	LANG	PRIORITY	SCORE	True-or-	True-or-	Unique	True-or-	Unique	Factoid	True-or-	True-or-	True-or-	True-or-	True-or-	True-or-	True-or-	True-or-	Unique	True-or-	True-or-	True-or-	True-or-	True-or-	True-or-
TOOPE				False	False		False			False	False	False	False	False	False	False	False 1		False	False 4	False	False	False	False
ISOFT	EN EN	2	71 68	correct	correct	correct	correct	correct	correct	correct	correct	correct	1	correct	correct	correct	1	correct	4	correct	correct	correct	correct	correct
KSU	JA	2	48	correct	correct	correct	correct	correct	3	correct	1	correct	correct	3	correct	correct	correct	correct	correct	correct	1	3	correct	3
KSU	JA	1	47	correct	correct	2	correct	correct	4	correct	1	correct	correct	3	correct	correct	correct	correct	correct	correct	1	3	correct	correct
NUL	JA	2	46	correct	1	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	1	correct	correct	correct	correct	1	correct	1	1
KSU	JA	3	46	correct	correct	correct	correct	correct	3	correct	2	correct	correct	3	correct	correct	correct	correct	correct	4	1	3	correct	3
NUL	JA	1	43	correct	correct	correct	correct	correct	1	correct	correct	correct	1	correct	correct	1	correct	correct	3	correct	2	3	1	2
SML	JA	2	38	correct	correct	correct	4	3	correct	correct	correct	correct	1	correct	2	correct	2	1	correct	2	4	correct	2	correct
NUL	JA	3	36	correct	correct	correct	correct	correct	1	correct	correct	3	correct	4	correct	2	correct	2	correct	correct	2	3	1	3
SML	JA	3	36	correct	correct	correct	4	3	correct	correct	2	correct	1	correct	2	correct	2	1	correct	2	4	correct	2	correct
SML	JA EN	3	33	correct	correct	correct 2	4	3	correct	correct 3	correct 1	correct 3	2	correct 3	2	2	2	1	correct 3	2	4	correct 2	3	correct 3
CMUQA CMUQA	EN	BASELINE	32	correct 2	correct 1	correct	correct	correct	correct 4	3	4	correct	correct 4	2	correct	correct	correct 1	correct	correct	correct	correct	2	1	correct
Forst	JA(Comb)	KitAi-2	32	correct	4	correct	correct	correct	correct	2	correct	1	correct	correct	4	3	2	1	correct	2	correct	correct	3	1
Forst	JA (Comb)	1	31	correct	4	2	correct	4	correct	2	correct	1	correct	correct	4	3	2	4	correct	2	correct	correct	3	1
Forst	JA(Comb)	KitAi-1	31	correct	correct	2	1	4	correct	correct	1	correct	1	3	3	1	4	4	1	2	correct	3	correct	correct
IMTKU	EN	1	31	correct	correct	N/A	2	N/A	N/A	3	correct	3	correct	correct	2	correct	correct	N/A	3	2	2	3	1	2
CMUQA	EN	2	30	correct	correct	correct	correct	correct	correct	3	1	3	correct	3	correct	1	correct	correct	3	4	correct	4	1	3
CMUQA	EN	1	29	correct	3	3	correct	correct	correct	3	1	3	correct	3	correct	1	1	correct	3	correct	correct	3	3	3
KitAi	JA	1	29	correct	correct	correct	1	correct	correct	correct	1	correct	1	3	3	1	4	1	1	2	correct	3	correct	correct
KitAi	JA	2	29	correct	correct	correct	1	correct	correct	correct	1	correct	1	3	3	1	4	1	1	2	correct	3	correct	correct
IMTKU	EN TAKE 13	2	27	2	correct	N/A	2	N/A	1	4	correct	3	correct	correct	3	correct	correct	N/A	1	2	N/A	3	2	2
Forst	JA(Comb)	KitAi-3	26	N/A	correct	correct	correct	correct	correct	4	3	3	4	correct	N/A	2	4	1	4	correct	N/A	4	correct	3
SLQAL Forst	JA JA	2	25 22	3 N/A	3	4 N/A	1	N/A	1 4	4	correct	3	correct 4	3	correct N/A	correct 2	correct 4	4 N/A	4	2	4 N/A	correct 4	1	3
Forst	JA(Comb)	SLQAL-1	18	N/A 3	correct 3	N/A 2	correct	N/A 4	1	4	correct	1	correct	correct 3	correct	correct	2.	N/A 4	1	correct 2	N/A 4	correct	correct	1
IMTKU	EN EN	3LQAL-1	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		correct answe		20	19	16	16	16	15	14	14	14	14	13	13	12	11	11	11	11	11	10	10	10
correct rate				74.1	70.4	59.3	59.3	59.3	55.6	51.9	51.9	51.9	51.9	48.1	48.1	44.4	40.7	40.7	40.7	40.7	40.7	37.0	37.0	37.0
score allocat	ted to the an	swer		2	3	3	2	2	3	3	2	2	2	3	2	3	2	2	2	2	3	2	3	3
correct answ	ver			1	2	1	3	1	2	1	3	2	3		1	4	3	3	2	3	3	1	4	4
											,		)	1	1	7	,	,			,			
			TOTAL	A27	A02	A20	A16	A30	A03	A35	A04	A08	A21	A22	A31	A23	A26	A13	A32	A39	A12	A15	A37	
TEAM_ID	LANG	PRIORITY	TOTAL SCORE	True-or-	True-or-	True-or-		True-or-	A03 True-or-	A35			A21 True-or-	A22 True-or-	A31 True-or-	A23 True-or-	A26 True-or-			A39 True-or-			A37 True-or-	
			SCORE	True-or- False	True-or- False	True-or- False	A16 Factoid	True-or- False	A03 True-or- False	A35 Slot-Filling	A04 Factoid	A08 Unique	A21 True-or- False	A22 True-or- False	A31 True-or- False	A23 True-or- False	A26 True-or- False	A13 Slot-Filling	A32 Factoid	A39	A12 Geography	A15 Geography	A37 True-or- False	
ISOFT	EN	1	SCORE 71	True-or- False correct	True-or- False correct	True-or- False correct	A16 Factoid	True-or- False	A03 True-or- False correct	A35 Slot-Filling	A04 Factoid correct	A08 Unique correct	A21 True-or- False	A22 True-or- False correct	A31 True-or- False correct	A23 True-or- False 4	A26 True-or- False correct	A13 Slot-Filling N/A	A32 Factoid	A39 True-or-	A12 Geography N/A	A15 Geography N/A	A37 True-or- False	
ISOFT ISOFT	EN EN	1 2	71 68	True-or- False correct correct	True-or- False	True-or- False correct correct	A16 Factoid correct 4	True-or- False 4	A03 True-or- False	A35 Slot-Filling	A04 Factoid	A08 Unique correct	A21 True-or- False 4	A22 True-or- False correct	A31 True-or- False correct	A23 True-or- False 4	A26 True-or- False	A13 Slot-Filling	A32 Factoid correct correct	A39 True-or-	A12 Geography	A15 Geography N/A N/A	A37 True-or- False 4	
ISOFT ISOFT KSU	EN EN JA	1	SCORE 71	True-or- False correct correct	True-or- False correct	True-or- False correct correct	A16 Factoid	True-or- False 4 4 correct	A03 True-or- False correct	A35 Slot-Filling	A04 Factoid correct	A08 Unique correct	A21 True-or- False	A22 True-or- False correct correct	A31 True-or- False correct	A23 True-or- False 4	A26 True-or- False correct correct	A13 Slot-Filling N/A N/A 2	A32 Factoid correct correct 3	A39 True-or-	A12 Geography N/A	A15 Geography N/A N/A N/A	A37 True-or- False	
ISOFT ISOFT	EN EN	1 2 2	71 68 48	True-or- False correct correct	True-or- False correct correct	True-or- False correct correct	A16 Factoid correct 4 4 4	True-or- False 4	A03 True-or- False correct correct	A35 Slot-Filling 4 4	A04 Factoid correct correct	A08 Unique correct 3 correct	A21 True-or- False 4 4	A22 True-or- False correct	A31 True-or- False correct correct 4	A23 True-or- False 4 4 3	A26 True-or- False correct	A13 Slot-Filling N/A	A32 Factoid correct correct	A39 True-or-	A12 Geography N/A N/A 1	A15 Geography N/A N/A	A37 True-or- False 4 4 4	
ISOFT ISOFT KSU KSU	EN EN JA JA	1 2 2 1	71 68 48 47	True-or- False correct correct correct	True-or- False correct correct 3	True-or- False correct correct correct	A16 Factoid correct 4 4	True-or- False 4 4 correct	A03 True-or-False correct correct 1	A35 Slot-Filling 4 4 1	A04 Factoid correct correct 2 2	A08 Unique correct 3 correct 2	A21 True-or- False 4 4 1	A22 True-or- False correct correct correct	A31 True-or- False correct correct 4	A23 True-or- False 4 4 3 3	A26 True-or- False correct correct 2 correct	A13 Slot-Filling N/A N/A 2	A32 Factoid correct correct 3 3	A39 True-or-	A12 Geography N/A N/A 1	A15 Geography N/A N/A N/A N/A	A37 True-or- False 4 4 4	
ISOFT ISOFT KSU KSU NUL	EN EN JA JA JA	1 2 2 1 2	71 68 48 47 46	True-or- False correct correct correct correct	True-or- False correct correct 3 3	True-or- False correct correct correct correct	A16 Factoid correct 4 4 4 correct	True-or- False 4 4 correct correct	A03 True-or-False correct correct 1	A35 Slot-Filling 4 4 1 1	A04 Factoid correct correct 2 1	A08 Unique correct 3 correct 2 correct	A21 True-or- False 4 1 1 3	A22 True-or- False correct correct correct 3	A31 True-or- False correct correct 4 4 1	A23 True-or- False 4 4 3 3 correct	A26 True-or- False correct correct 2 correct 3	A13 Slot-Filling N/A N/A 2 2	A32 Factoid correct correct 3 3 1	A39 True-or-	A12 Geography N/A N/A 1 1	A15 Geography N/A N/A N/A N/A 1	A37 True-or- False 4 4 4 4 3	
ISOFT ISOFT KSU KSU NUL KSU NUL SML	EN EN JA	1 2 2 1 2 3 1 2	71 68 48 47 46 46 43 38	True-or- False correct correct correct 4 correct 1	True-or- False correct correct 3 3 2 3	True-or- False correct correct correct 3 correct 3 correct	A16 Factoid correct 4 4 4 correct 4 correct 4 correct 4 correct	True-or- False 4 4 correct correct correct	A03 True-or-False correct 1 1 correct 1 2 1	A35 Slot-Filling 4 4 1 1 1 1	A04 Factoid correct 2 2 1 2	A08 Unique correct 3 correct 2 correct correct	A21 True-or- False 4 1 1 3	A22 True-or- False correct correct correct correct correct	A31 True-or- False correct correct 4 4 1 4	A23 True-or- False 4 4 3 3 correct 3 correct 2	A26 True-or- False correct 2 correct 3 2 correct 2	A13 Slot-Filling N/A N/A 2 2 1	A32 Factoid correct correct 3 1 1 3 3 3 3	A39 True-or-	A12 Geography N/A N/A 1 1 1	A15 Geography N/A N/A N/A N/A N/A N/A N/A	A37 True-or- False 4 4 4 4 4 1	
ISOFT ISOFT KSU KSU NUL KSU NUL SML NUL	EN EN JA	1 2 2 1 1 2 3 3 1 2 3 3	71 68 48 47 46 46 43 38 36	True-or- False correct correct correct 4 correct 1 1	True-or-False correct 3 3 2 3 1 correct correct	True-or- False correct correct correct 3 correct 3 correct 3	A16 Factoid correct 4 4 4 correct 4 3 correct 3	True-or- False  4  4  correct correct correct correct correct correct correct	A03 True-or-False correct correct 1 correct 1 correct 2	A35 Slot-Filling 4 4 1 1 1 1 2 1	A04 Factoid correct 2 2 1 2 correct 2 correct	A08 Unique correct 3 correct 2 correct correct 1	A21 True-or- False 4 1 1 3 1 3 1 3	A22 True-or- False correct correct correct correct 3 correct 3	A31 True-or- False correct 4 4 1 1 correct 1	A23 True-or- False 4 4 3 3 correct 3 correct 2 4	A26 True-or- False correct 2 correct 3 2 correct 2 correct 3 2 correct 3	A13 Slot-Filling N/A N/A 2 2 1 2 1 3 1	A32 Factoid correct correct 3 1 1 3 3 3 2	A39 True-or- False  1 1 1 1 1 2 2	A12 Geography N/A N/A 1 1 1 1 1 1 1	A15 Geography N/A N/A N/A N/A N/A N/A 1 N/A 1	A37 True-or- False 4 4 4 4 1 1 4	
ISOFT ISOFT KSU KSU NUL KSU NUL SML NUL SML	EN EN JA	1 2 2 1 2 3 1 2	71 68 48 47 46 46 43 38 36 36	True-or- False correct correct correct 4 correct 1 1 4 1	True-or- False correct 3 3 2 3 1 correct correct correct	True-or- False correct correct correct 3 correct 3 correct 3 correct 3 correct	A16 Factoid correct 4 4 correct 4 correct 3 correct 3 correct	True-or- False  4  4  correct correct correct correct 3  correct 3	A03 True-or-False correct 1 1 correct 1 2 1	A35 Slot-Filling 4 1 1 1 1 2 1 2	A04 Factoid correct 2 2 1 2 correct 2 correct 2	A08 Unique correct 3 correct 2 correct correct 1 1	A21 True-or- False 4 1 1 3 1 3 1 3 1	A22 True-or- False correct correct correct 3 correct 3	A31 True-or- False correct 4 4 1 4 correct 1 1	A23 True-or- False 4 4 3 3 correct 3 correct 2 4	A26 True-or- False correct 2 correct 3 2 correct 2 correct 3 2	A13 Slot-Filling N/A N/A 2 2 1 2 1 3 1 3	A32 Factoid correct 3 3 1 1 3 3 2 3 3	A39 True-or- False  1 1 1 1 1 2 2 2	A12 Geography N/A N/A 1 1 1 1 3 1 3	A15 Geography N/A N/A N/A N/A N/A 1 N/A 1 1	A37 True-or- False 4 4 4 4 4 1	
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ISOFT ISOFT ISOFT ISOFT KSU KSU NUL KSU NUL SML SML SML SML SML SML SML SML SML SM	EN EN JA	1 2 2 2 3 3 1 1 2 2 3 3 4 3 1 1 3 1 4 5 2 4 5 1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1	SCORE 71 68 48 47 46 46 46 43 38 36 36 36 32 32 32 32 32 22 22 27 26 25 22 18	True-or- False correct correct correct 4 1 1 1 2 2 correct correct correct 2 2 2 2 correct 4 1 1 N/A	True-or- False	True-or- False correct correct correct 3 correct 3 correct 3 correct 4 4 4 4 1 1 1 4 4 4 1 1 1 1 1 1 3 1 1 1 1	A16 Factoid correct 4 4 4 4 correct 3 3 correct correct 4 4 4 4 4 7 A A A A A A A A A A A A A A	True-or- False  4  4  4  4  4  Correct  correct  correct  3  3  3  4  3  3  1  correct   A03 True-or- False correct 1 1 1 correct 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 correct 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A35 Slot-Filling 4 4 1 1 1 1 1 2 2 2 2 2 correct correct correct correct correct 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A04 Factoid correct 2 2 1 1 2 correct 2 correct 1 2 1 1 2 1 1 2 4 4 4 4 4	A08 Unique correct 3 correct 2 correct 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1	A21 True-or- False 4 1 1 1 3 1 1 3 1 1 4 correct 1 1 correct 4 correct 1 1 1 4 correct 1 4 4 correct 1 4 4 4 6 6 6 6 6 6 6 6 6 7 6 7 6 7 6 7 6	A22 True-or- False correct correct 3 correct 3 1 1 1 1 1 1 1 1 1 1 2 3 1 1 1 1 2 3 3 2	A31 True-or- False correct 4 4 4 1 1 4 5 1 1 1 1 2 4 4 2 2 1 1 1 4 4 2 2 4 4 4 4	A23 True-or- False 4 4 3 3 correct 3 correct 2 4 2 2 2 2 2 2 2 2 correct 2	A26 True-or- False correct 2 correct 3 2 correct 2 2 3 3 4 3 3 4 4 3 3 4 4 3	A13 Slot-Filling N/A N/A 2 1 1 2 1 1 3 1 1 3 3 1 1 2 1 1 N/A correct 3 1 1 1 correct 3 correct N/A	A32 Factoid correct 3 3 1 3 3 3 2 2 3 2 1 1 1 1 1 N/A correct N/A 2 N/A	A39 True-or- False  1 1 1 1 1 1 1 2 2 2 2 1 correct 1 1 correct 1 N/A 1 N/A	A12 Geography N/A N/A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A15 Geography N/A N/A N/A N/A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A37 True-or- False 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
ISOFT ISOFT ISOFT ISOFT KSU KSU NUL KSU NUL SML SML SML SML SML SML SML SML SML SM	EN EN JA	1 2 2 2 3 1 1 2 2 3 3 1 1 3 BASELINE KitAi-2 1 1 2 2 2 KitAi-3 1 1 2 2 2 KitAi-3 1 1 2 2 2 KitAi-3 1 1 2 2 2 2 KitAi-3 1 1 2 2 2 2 KitAi-3 1 1 2 2 2 2 2 5 KitAi-3 1 1 2 2 2 2 2 5 KitAi-3 1 1 2 2 2 2 2 5 KitAi-3 1 1 2 2 2 2 2 5 KitAi-3 1 1 2 2 2 2 2 5 KitAi-3 1 1 2 2 2 5 KitAi-3 1 1 2 2 2 5 KitAi-3 1 1 2 2 2 2 5 KitAi-3 1 1 2 2 5 KitAi-3 1 2 5 KitAi-3 1 2 5 KitAi-3 1 2 5 KitAi-3 1 2	SCORE 71 68 48 47 46 46 46 43 38 36 36 36 32 32 32 32 32 22 22 27 26 25 22 18	True-or- False correct correct defended for the false false for the false false for the false false for the false fals	True-or- False	True-or- False correct correct correct correct correct 3 3 correct 3 3 correct 4 4 4 4 4 1 1 1 1 4 4 4 1 1 1 1 1 3 3 1 1 N/A 9 9	A16 Factoid correct 4 4 4 4 5 correct 3 correct 4 4 4 correct 4 4 4 correct correct 4 8	True-or- False  4  4  4  4  4  5  6  6  6  7  7  8  7  7  7  7  8  7  7  8  7  7	A03 True-or- False correct 1 1 1 2 1 1 2 1 1 1 1 1 2 1 1 1 1 correct 1 1 1 correct 1 2 2 1 1 7 1 1 7 2 2 1 1 1 1 1 1 1 1 1	A35 Slot-Filling 4 1 1 1 1 1 2 1 2 2 correct correct rorrect N/A rorrect 4 N/A N/A 7	A04 Factoid Correct 2 2 2 2 correct 2 2 correct 1 1 2 2 correct 1 1 2 4 4 4 4 4 4 4 4 5 N/A 5	A08 Unique correct 3	A21 True-or- False 4 4 1 1 3 3 1 1 3 1 1 1 4 correct correct correct 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A22 True-or- False correct correct 3 3 3 1 1 1 1 1 1 1 2 3 3 1 1 1 1 1 1 5 3 7 1 1 1 1 1 5 3 7 1 1 1 1 1 5 5 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	A31 True-or- False correct 4 4 1 1 4 correct 1 1 1 2 4 correct 1 1 4 4 2 2 N/A 5	A23 True-or- False 4 4 4 3 3 correct 3 correct 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A26 True-or- False correct 2 correct 2 correct 2 2 3 3 2 2 3 3 2 2 4 3 3 3 4 4 2 3 3 4 N/A 4	A13 Slot-Filling N/A N/A N/A 2 2 1 1 3 1 3 3 1 2 1 1 3 3 1 1 2 1 1 1 N/A N/A correct 3 1 correct 3 3 3 1 1 correct 3 3 3 1 1 1 correct 3 3 3 3 1 3 3 3 3 4 5 6 6 7 8 7 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8	A32 Factoid Correct 3 3 3 3 2 2 3 3 2 2 1 1 1 1 N/A Correct N/A 3 3 3 3 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A39 True-or- False 1 1 1 1 1 1 1 2 2 2 1 correct 1 1 2 2 1 N/A 1 N/A 3	A12 Geography N/A N/A 1 1 1 1 1 3 3 1 1 1 1 1 1 1 1 1 N/A 1 1 1 N/A 1 1 1 N/A 0 correct N/A 2	A15 Geography N/A N/A N/A N/A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A37 True-or- False 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
ISOFT ISOFT ISOFT ISOFT KSU KSU NUL KSU NUL SML SML SML SML SML SML SML SML SML SM	EN EN EN JA	1 2 2 2 1 1 2 2 3 3 3 1 1 3 3 1 1 5 5 5 5 5 5 5 5 5 5 5	SCORE 71 68 48 47 46 46 46 43 38 36 36 36 32 32 32 32 32 22 22 27 26 25 22 18	True-or- False correct correct correct 4 1 1 1 2 2 correct correct correct 2 2 2 2 correct 4 1 1 N/A	True-or- False	True-or- False correct correct correct 3 correct 3 correct 3 correct 4 4 4 4 1 1 1 4 4 4 1 1 1 1 1 1 3 1 1 1 1	A16 Factoid correct 4 4 4 4 correct 3 3 correct correct 4 4 4 4 4 7 A A A A A A A A A A A A A A	True-or- False  4  4  4  4  4  Correct  correct  correct  3  3  3  4  3  3  1  correct   A03 True-or- False correct correct 1 1 2 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 correct 1 1 1 correct 1 2 correct	A35 Slot-Filling 4 4 1 1 1 1 1 2 1 2 2 correct correct rorrect 1 N/A N/A correct 4 correct	A04 Factoid correct 2 2 1 1 2 correct 2 2 correct 1 2 2 1 1 2 2 1 1 2 1 1 2 4 1 1 1 1 2 4 4 4 4	A08 Unique correct 3 correct 2 correct 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1	A21 True-or- False 4 4 4 1 1 3 1 1 3 1 1 4 correct 1 1 4 correct 1 4 correct 1 1 4 correct 1 1 1 1 1 1 4 correct 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A22 True-or- False correct correct correct 3 correct 3 1 1 1 1 1 1 1 1 1 1 1 1 2 3 3 2 3 3	A31 True-or- False correct 4 4 4 1 1 4 correct 1 1 1 2 4 correct 1 1 1 1 2 4 correct 1 4 4 2 1 1 4 4 2 N/A	A23 True-or- False 4 4 3 3 correct 3 correct 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A26 True-or- False correct correct 3 2 correct 3 2 2 3 3 2 2 4 3 3 3 4 4 3 4 4 3 3 4 4 4 3 6 N/A	A13 Slot-Filling N/A N/A 2 1 1 2 1 1 3 1 1 3 3 1 1 2 1 1 N/A correct 3 1 1 1 correct 3 correct N/A	A32 Factoid correct 3 3 1 3 3 3 2 2 3 2 1 1 1 1 1 N/A correct N/A 2 N/A	A39 True-or- False 1 1 1 1 1 1 1 2 2 2 2 1 correct 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A12 Geography N/A 1 1 1 1 1 1 3 3 1 1 1 1 1 1 1 1 1 1 N/A N/A 1 1 1 0 N/A N/A N/A N/A N/A N/A N/A Correct N/A	A15 Geography N/A N/A N/A N/A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A37 True-or- False 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
ISOFT ISOFT ISOFT ISOFT ISOT KSU NUL KSU NUL SML NUL SML NUL SML OMUQA CMUQA Forst	EN EN JA EN EN JA(Comb) EN EN EN JA	1 2 2 2 1 1 2 2 3 3 3 1 1 3 3 1 1 5 5 5 5 5 5 5 5 5 5 5	SCORE 71 68 48 47 46 46 46 43 38 36 36 36 32 32 32 32 32 22 22 27 26 25 22 18	True-or- False correct correct 1 1 1 1 1 2 2 correct correct 2 correct 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	True-or- False	True-or- False	A16 Factoid correct 4 4 4 3 correct 3 correct correct 4 4 4 4 3 correct 7 4 4 4 4 correct N/A 4 4 4 correct 4 7 N/A 8 8 29.6	True-or- False 4 4 4 4 5 4 6 6 6 7 7 7 8 8 8 7 8 7 8 7 8 8 7 8 7 8	A03 True-or- False Correct 1 1 2 1 1 1 1 1 1 1 1 1 1 1 Correct Correct N/A 7 7 2 8 9 8 9 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8	A35 Slot-Filling 4 1 1 1 1 1 2 2 2 2 2 Correct 1 correct 1 1 1 1 1 4 Correct Correct ANA 1 1 4 N/A 7 7 25.9	A04 Factoid correct correct 2 2 1 1 2 correct 2 correct 1 1 2 2 4 4 4 4 N/A 5 18.5	A08 Unique Correct 2 correct 1 1 1 1 1 1 1 1 1 1 1 N/A 2 Correct 1 1 1 1 N/A 1	A21 True-or- False 4 4 4 1 1 3 3 1 1 1 4 correct 1 4 4 4 4 4 1 N/A 5 8 1 8 5	A22 True-or- False Correct Correct 3 3 1 1 1 1 1 1 1 2 3 3 1 1 1 1 1 1 1 1	A31 True-or- False Correct 4 4 4 4 4 1 1 1 1 1 1 2 2 4 4 4 2 N/A 5 5 18.5	A23 True-or- False 4 4 3 3 correct 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A26 True-or-False correct 2 correct 2 correct 2 2 correct 3 3 2 2 2 4 4 3 3 3 4 4 N/A 4 114.8	A13   Slot-Filling   NiA   N	A32 Factoid Correct Correct 3 3 3 3 3 3 3 2 2 2 2 1 1 1 1 1 N/A N/A 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A39 True-or- False 1 1 1 1 1 1 2 2 2 2 2 1 correct 1 1 1 N/A 3 1 1 N/A 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A12 Geography N/A N/A 1 1 1 1 3 3 1 1 1 1 1 1 1 1 N/A 1 1 1 1 0 N/A N/A Correct N/A N/A 2 7 7 4	A15 Geography N/A N/A N/A N/A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 N/A	A37 True-or- False 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

correct answer				3 4	2	1	2	4	5	3	4 2	4	3	1	ı	4	4	4 4	4		
					Table	e 17:	Deta	ail res	sults	of Be	enesse	e mo	ck ex	am iı	n Pha	ase-1					
				A17	A28	A02	A26	A33	A04	A16	A29	A01	A03	A07	A09	A11	A22	A14	A30	A06	A19
TEAM_ID	LANG	PRIORIT Y	TOTAL SCORE	Slot-Filling	Factoid	True-or- False	True-or- False	Slot-Filling	Unique	True-or- False	True-or- False	True-or- False	Geography	True-or- False(Com bo)	True-or- False	Slot-Filling	True-or- False	True-or- False(Com bo)	Time	Image	Unique
KitAi	JA	2	41	correct	correct	correct	3	correct	correct	correct	correct	correct	correct	correct	4	correct	correct	1	correct	1	1
SML	JA	3	39	correct	correct	correct	correct	correct	2	correct	correct	3	3	3	correct	4	2	4	3	correct	correct
KitAi	JA	1	38	correct	correct	correct	3	correct	correct	correct	1	correct	correct	correct	4	correct	correct	1	correct	1	1
SML	JA	2	38	correct	correct	correct	correct	correct	2	correct	correct	3	3	3	correct	4	2	correct	3	correct	correct
Forst	JA(Comb)	KitAi-3	36	correct	correct	correct	correct	correct	correct	2	4	correct	N/A	correct	1	correct	2	1	correct	1	1
Forst	JA(Comb)	KitAi-2	35	correct	correct	4	correct	correct	correct	2	correct	1	correct	2	correct	correct	correct	correct	3	1	1
SML	JA	1	35	correct	correct	correct	correct	correct	2	correct	correct	3	3	3	correct	4	2	correct	3	correct	correct
Forst	JA	1	29	correct	correct	4	correct	4	correct	2	correct	1	correct	2	correct	4	correct	correct	3	4	3
Forst	JA(Comb)	KitAi-1	27	correct	correct	correct	3	4	correct	correct	1	correct	correct	correct	4	4	correct	1	3	4	3
Forst	JA	2	26	4	3	correct	correct	3	3	2	4	correct	N/A	correct	1	correct	2	1	correct	N/A	3
# of runs pro	ducing the co	orrect answe	r	9	9	8	7	7	6	6	6	5	5	5	5	5	5		4	3	3
correct rate (				90	90	80	70	70	60	60	60	50	50	50	50	50	50	40	40	30	30
score allocat	ed to the ans	wer		3	2	2	3	3	2	3	3	3	3	3	3	3	3	2	3	3	3
correct answ	er			1	1	3	4	2	1	4	3	4	1	1	3	2	1	2	5	3	4
				A23	A32	A34	A10	A12	A20	A21	A25	A27	A36	A15	A05	A08	A13	A18	A24	A31	A35
TEAM ID	LANG	PRIORIT	TOTAL		True-or-	True-or-		True-or-	True-or-			True-or-	True-or-	True-or-		True-or-	True-or-		True-or-	True-or-	
TEAM_ID	LANG	Y	SCORE	Factoid	False	False	Geography	False	False	Factoid	Time	False	False	False	Time	False	False	Unique	False(Com	False(Com	Geography
					T alse	1 alse		1 aise	1 alse			1 alse	T alse	1 alse		T alse	T alse		bo)	bo)	
KitAi	JA	2	41	1	correct	4	correct	2	4	2	4	1	3	1	2	3	1	1	1	1	1
SML	JA	3	39	correct	1	correct	3	2	correct	2	3	2	3	correct	3	4	4	3	1	1	3
KitAi	JA	1	38	1	correct	4	correct	2	4	2	4	1	3	1	2	3	1	1	1	1	1
SML	JA	2	38	correct	1	correct	3	2	correct	2	3	2	3	1	3	4	4	3	1	1	3
Forst	JA(Comb)	KitAi-3	36	N/A	4	1	N/A	3	4	3	correct	correct	correct	1	1	3	2	1	3	1	N/A
Forst	JA(Comb)	KitAi-2	35	3	2	2	3	correct	1	correct	3	1	4	4	3	3	1	1	3	4	3
SML	JA	1	35	correct	2	correct	3	2	2	2	3	2	3	1	3	3	4	3	1	1	3
Forst	JA	1	29	3	2	2	3	correct	1	correct	3	1	4	4	3	3	1	3	3	4	3
Forst	JA(Comb)	KitAi-1	27	3	correct	4	3	2	4	2	3	1	3	1	3	3	1	3	1	1	3
Forst	JA	2	26	N/A	4	1	N/A	3	4	3	correct	correct	correct	1	1	3	2	N/A	3	1	N/A
# of runs pro	ducing the co	orrect answe	r	3	3	_	2	2	2	2	2		2	1	-	0	0	0	0	0	(
correct rate (	%)			30	30	30	20	20	20	20	20	20	20	10	0	0	0	0	0	0	(
score allocat	ed to the ans	wer		2	3	3	2	3	3	2	3	3	3	3	3	3	3	3	3	2	
correct answ	er			2	3	3	1	1	3	1	6	4	2	2	5	1	3	2	2	3	1 2

## Table 18: Detail results of Yozemi mock exam (2012-1) in Phase-1

													`		· · · · · ·	1					
TEAM ID	LANG	PRIORIT	TOTAL	A16 True-or-	A01	A22 True-or-	A32	A33	A09 True-or-	A12 True-or-	A06 True-or-	A25 True-or-	A11 True-or-	A35 True-or-	A05	A04	A14 True-or-	A17	A19 True-or-	A23	A24 True-or-
		Y	SCORE	False	Time	False	Slot-Filiing	Factoid	False	False	False	False	False	False(Com bo)	Geography	Time	False	Time	False	Time	False(Com bo)
Forst	JA	2	38	correct	2	1	correct	correct	1	correct	1	correct	4	4	N/A	5	correct	correct	2	correct	correct
Forst	JA(Comb)	KitAi-3	29	correct	2	1	1	2	1	correct	1	correct	4	4	N/A	5	correct	correct	2	correct	correct
Forst	JA(Comb)	KitAi-1	27	3	correct	correct	correct	correct	correct	correct	correct	3	correct	correct	3	3	33	3	2	3	2
KitAi	JA	1	24	3	4	correct	1	2	correct	correct	correct	3	correct	correct	correct	correct	3	6	2	2	2
KitAi	JA	2	24	3	4	correct	1	2	correct	correct	correct	3	correct	correct	correct	correct	3	6	2	2	2
Forst	JA	1	20	correct	correct	1	correct	correct	correct	1	1	3	4	4	3	3	4	3	correct	3	4
SML	JA	1	19	correct	correct	correct	correct	correct	1	1	correct	correct	4	4	3	3	2	3	3	3	4
SML	JA	2	16	correct	correct	correct	correct	correct	1	3	3	correct	4	4	3	3	2	3	3	3	4
SML	JA	3	13	correct	correct	correct	correct	correct	1	3	3	3	4	4	3	3	4	3	3	3	4
Forst	JA(Comb)	KitAi-2	11	correct	correct	1	1	2	correct	1	1	3	4	4	3	3	4	3	correct	3	4
# of runs pro	ducing the c	orrect answ	er	7	6	6	6	6	5	5	4	4	3		2	2	2	2	2	2	2
correct rate				70		60	60	60	50	50	40	40	30		20	20	20	20	20	20	20
score allocat	ed to the ans	swer		3	2	2	3	3	3	3	3	3	2	. 3	3	3	3	3	3	2	3
correct answ	/er			1	3	3	2	3	3	4	2	2	3	1	1	2	1	4	4	5	1
				A27	A28	A30	A34	A36	A18	A02	A03	A07	A08	A10	A13	A15	A20	A21	A26	A29	A31
TEAM ID	LANG	PRIORIT	TOTAL	True-or-		True-or-	True-or-				True-or-	True-or-	True-or-	True-or-	True-or-		True-or-	True-or-	True-or-	True-or-	True-or-
121111_12	2.1.0	Y	SCORE	False	Time	False	False	Slot-Filiing	Slot-Filiing	Slot-Filiing	False	False(Com	False	False(Com			False	False	False	False(Com	False
				1 disc		, and	r disc					bo)		bo)	bo)				r disc	bo)	
Forst	JA	2	38	correct	4	correct	correct	N/A	correct	3	2	1	2	3	1	N/A	2	2	4	2	4
Forst	JA(Comb)	KitAi-3	29	correct	4	correct	correct	3	1	3	2	1	2	3	1	N/A	2	2	4	2	4
Forst	JA(Comb)	KitAi-1	27	3	3	3	1	correct	1	3	3	1	2	2	1	3	2	4	4	1	4
KitAi	JA	1	24	3	correct	3	1	3	1	3	3	1	2	2	1	1	2	4	4	1	4
KitAi	JA	2	24	3	correct	3	1	3	1	3	3	1	2	2	1	1	2	4	4	1	4
Forst	JA	1	20	2	3	4	1	correct	1	3	2	4	3	4	3	3	4	1	4	2	4
SML	JA	1	19	4	3	3	1	1	1	2	3	2	1	2	1	3	2	2	2	1	1
SML	JA	2	16	4	3	3	1	1	1	2	3	2	2	2	1	3	2	2	2	1	1
SML	JA	3	13	4	3	3	1	1	1	2	3	2	2	4	3	3	4	2	2	3	1
Forst	JA(Comb)	KitAi-2	11	2	3	4	1	3	1	3	2	4	3	4	3	3	4	1	4	2	4
# of runs pro	ducing the c	orrect answ	er	2	2	2	2	2	1	0	0	0	(	0	0	0	0	0	0	0	0
correct rate	(%)			20	20	20	20	20	10	0	0	0	(	0	0	0	0	0	0	0	0
score allocat	ed to the ans	swer		3	2	3	3	3	3	3	3	2	3	3	3	2	3	3	3	2	3
correct answ	/er			1	6	1	4	2	3	4	1	3	4	1	2	2	1	3	3	4	3

## Table 19: Detail results of Yozemi mock exam (2013-1) in Phase-1 A08 | A16 | A30 | A29 | A33 | A36 | A15 | A05 | A10 | A26 | A13 | A20 | A24 | A35

				A08	A16	A30	A29	A33	A36	A15	A05	A10	A26	A13	A20	A24	A35	A01	A11	A21	A22
TEAM_ID		PRIORIT Y	TOTAL SCORE	Slot-Filiing	Factoid	Slot-Filiing	Time	True-or- False	True-or- False(Com bo)	Factoid	True-or- False	True-or- False	True-or- False	Slot-Filiing	True-or- False	True-or- False	True-or- False	Factoid	True-or- False(Com bo)	True-or- False	Factoid
Forst	JA	1	41	correct	correct	correct	correct	correct	correct	correct	correct	4	correct	4	correct	1	correct	correct	4	1	correct
Forst	JA(Comb)	KitAi-2	38	correct	correct	correct	correct	correct	correct	1	correct	4	correct	correct	correct	1	correct	correct	4	1	1
SML	JA	1	37	correct	correct	correct	correct	correct	correct	correct	2	correct	2	4	3	4	2	2	correct	correct	2
SML	JA	2	37	correct	correct	correct	correct	correct	correct	correct	2	correct	2	4	3	4	2	2	correct	correct	2
SML	JA	3	37	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	4	3	4	2	2	correct	correct	2
Forst	JA	2	32	correct	2	2	5	2	correct	correct	correct	2	correct	correct	correct	correct	correct	N/A	4	3	correct
Forst	JA(Comb)	KitAi-1	32	correct	correct	correct	correct	correct	1	correct	1	correct	3	4	3	correct	4	correct	1	1	correct
Forst	JA(Comb)	KitAi-3	32	correct	correct	correct	5	2	correct	1	correct	2	correct	correct	correct	correct	correct	N/A	4	3	1
KitAi	JA	1	28	correct	correct	correct	correct	correct	1	1	1	correct	3	correct	3	correct	4	1	1	1	1
# of runs pr	oducing the	correct answ	ver	9	8	8	7	7	7	6	5	5	5	4	4	4	4	3	3	3	3
correct rate				100.0	88.9	88.9	77.8	77.8	77.8	66.7	55.6	55.6	55.6	44.4	44.4	44.4	44.4	33.3	33.3	33.3	33.3
score alloca	ted to the an	swer		3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	3	3
correct ans	wer			3	4	1	3	1	4	3	3	1	4	3	1	3	3	3	2	2	4
				A34	A02	A03	A07	A09	A19	A25	A04	A06	A12	A14	A17	A18	A23	A27	A28	A31	A32
TEAM_ID	LANG	PRIORIT Y	TOTAL SCORE	A34 Factoid	A02 True-or- False	A03 True-or- False(Com bo)	A07 True-or- False	A09 True-or- False	A19 True-or- False	A25 Geography	A04 Time	A06 True-or- False(Com bo)	A12 True-or- False	Tena or	A17 True-or- False(Com bo)	A18 Image	A23 True-or- False(Com bo)	A27 Factoid	A28 Geography	A31 Unique	A32 Time
TEAM_ID	LANG JA				True-or-	True-or- False(Com	True-or-	True-or-	True-or-			True-or- False(Com	True-or-	True-or-	True-or- False(Com		True-or- False(Com				
			SCORE		True-or- False	True-or- False(Com bo)	True-or- False	True-or- False	True-or- False	Geography	Time	True-or- False(Com bo)	True-or- False	True-or- False	True-or- False(Com	Image	True-or- False(Com bo)		Geography	Unique	Time
Forst Forst SML	JA	Y 1	SCORE 41 38 37		True-or- False correct	True-or- False(Com bo)	True-or- False	True-or- False	True-or- False	Geography 3	Time 3	True-or- False(Com bo)	True-or- False	True-or- False	True-or- False(Com	Image	True-or- False(Com bo) 4	Factoid 1	Geography 3	Unique	Time
Forst Forst SML SML	JA JA(Comb) JA JA	1 KitAi-2 1 2	38 37 37	Factoid  1 1	True-or- False correct	True-or- False(Com bo) 3 3 3	True-or- False	True-or- False  3 3 2 2	True-or- False	Geography 3 3 3 3	Time	True-or- False(Com bo) 2 2 2 2	True-or- False	True-or- False  3 3 2 2	True-or- False(Com bo) 1	Image 3 1 3 3 3	True-or- False(Com bo) 4	Factoid 1	Geography 3 3 3 3	Unique  3 1 3 3 3	Time 3 3 3 3 3 3 3
Forst Forst SML SML SML	JA JA(Comb) JA JA JA	1 KitAi-2 1 2 3	38 37 37 37	Factoid  1 1 correct correct	True-or- False correct correct 4 4 4	True-or- False(Com bo) 3 3 3 3	True-or- False  3 3 correct	True-or- False  3 3 2	True-or- False 4 4 correct	Geography  3 3 3 3 3 3	Time  3 3 3 3 3 3 3	True-or- False(Com bo) 2 2 2	True-or- False  3 3 3 3 3 3	True-or- False  3 3 2 2 2	True-or- False(Com bo) 1 1 4	Image 3 1 3 3 3 3 3 3	True-or- False(Com bo) 4	Factoid 1	Geography 3 3 3 3 3 3	Unique  3 1 3 3 3 3	Time 3 3 3 3 3
Forst Forst SML SML	JA JA(Comb) JA JA	1 KitAi-2 1 2 3	38 37 37	Factoid  1 1 correct	True-or- False correct correct 4	True-or- False(Com bo) 3 3 3	True-or- False  3 3 correct	True-or- False  3 3 2 2	True-or- False  4  4  correct	Geography 3 3 3 3	Time 3 3 3 3 3 3	True-or- False(Com bo) 2 2 2 2	True-or- False  3 3 3 3	True-or- False  3 3 2 2	True-or- False(Com bo) 1 1 4 4	Image 3 1 3 3 3	True-or- False(Com bo) 4 4 1	Factoid 1	Geography 3 3 3 3	Unique  3 1 3 3 3	Time 3 3 3 3 3 3 3
Forst Forst SML SML SML	JA JA(Comb) JA JA JA	1 KitAi-2 1 2 3	38 37 37 37	Factoid  1 1 correct correct	True-or- False correct correct 4 4 4	True-or- False(Com bo) 3 3 3 3	True-or- False  3 3 correct correct	True-or- False  3 3 2 2 2	True-or- False  4  4  correct	Geography  3 3 3 3 3 3	Time  3 3 3 3 3 3 3	True-or- False(Com bo) 2 2 2 2	True-or- False  3 3 3 3 3 3	True-or- False  3 3 2 2 2	True-or- False(Com bo) 1 1 4 4	Image 3 1 3 3 3 3 3 3	True-or- False(Com bo) 4 4 1	Factoid 1	Geography 3 3 3 3 3 3	Unique  3 1 3 3 3 3	Time  3 3 3 3 3 3 3
Forst Forst SML SML SML Forst Forst Forst	JA JA(Comb) JA JA JA JA JA	1 KitAi-2 1 2 3	41 38 37 37 37 32	Factoid  1 1 correct correct	True-or- False correct correct 4 4 4 3	True-or- False(Com bo)  3  3  3  3  3	True-or- False  3 3 correct correct	True-or- False  3 3 2 2 2 correct	True-or- False  4 4 correct correct 4	Geography  3 3 3 3 3 N/A	Time  3 3 3 3 3 6	True-or- False(Com bo) 2 2 2 2	True-or- False  3 3 3 3 3 3	True-or-False  3 3 2 2 2 2	True-or- False(Com bo) 1 1 4 4 4 1	3 1 3 3 3 N/A	True-or- False(Com bo) 4 4 1	Factoid 1	Geography  3 3 3 3 3 N/A	Unique  3 1 3 3 3 N/A	Time  3 3 3 3 3 4
Forst SML SML SML Forst Forst	JA JA(Comb) JA JA JA JA JA JA JA JA JA JA(Comb)	1 KitAi-2 1 2 3 2 KitAi-1	41 38 37 37 37 32 32	Factoid  1 1 correct correct	True-or- False correct 4 4 4 3 3	True-or- False(Com bo)  3  3  3  3  correct	True-or-False  3 3 correct correct 1 4 1	True-or-False  3 3 2 2 2 correct 2	True-or- False  4 4 correct correct 4	3 3 3 3 3 N/A 3	Time  3 3 3 3 3 6 3	True-or- False(Com bo) 2 2 2 2	True-or- False  3 3 3 3 3 4	True-or- False  3 3 2 2 2 2 3	True-or- False(Com bo) 1 1 4 4 4 1	3 1 3 3 3 N/A	True-or- False(Com bo) 4 4 1	Factoid 1	3 3 3 3 3 N/A 3	Unique  3 1 3 3 3 N/A	Time  3 3 3 3 4 3
Forst Forst SML SML SML Forst Forst Forst KitAi	JA JA(Comb) JA JA JA JA JA JA JA(Comb) JA(Comb)	1 KitAi-2 1 2 3 2 KitAi-1 KitAi-3	41 38 37 37 37 32 32 32 32	Factoid  1 1 correct correct	True-or- False correct 4 4 4 3 3 3	True-or- False(Com bo)  3  3  3  3  correct 3	True-or-False  3 3 correct correct 1 4 1	True-or-False  3 3 2 2 2 correct 2 correct	True-or-False  4 4 correct correct 4 1 4	3 3 3 3 3 3 N/A 3 N/A	Time  3 3 3 3 3 6 3	True-or- False(Com bo) 2 2 2 2	True-or- False  3 3 3 3 3 4	True-or- False  3 3 2 2 2 2 3 2	True-or- False(Com bo)  1  4  4  1  2  1	3 1 3 3 3 N/A	True-or- False(Com bo) 4 4 1	Factoid 1	3 3 3 3 3 N/A 3	Unique  3 1 3 3 3 N/A	Time  3 3 3 3 3 4 3 4
Forst Forst SML SML SML Forst Forst Forst KitAi	JA JA(Comb) JA JA JA JA JA JA JA(Comb) JA(Comb) JA Oducing the	1 KitAi-2 1 2 3 2 KitAi-1 KitAi-3	41 38 37 37 37 32 32 32 32	Factoid  1 1 correct correct	True-or- False correct 4 4 4 3 3 3	True-or- False(Com bo)  3  3  3  3  correct 3	True-or-False  3 3 correct correct 1 4 1	True-or-False  3 3 2 2 2 correct 2 correct	True-or-False  4 4 correct correct 4 1 4	3 3 3 3 3 3 N/A 3 N/A	Time  3 3 3 3 3 6 3	True-or- False(Com bo) 2 2 2 2	True-or- False  3 3 3 3 3 4	True-or-False  3 3 2 2 2 2 3 3 3	True-or- False(Com bo)  1  4  4  1  2  1	3 1 3 3 3 N/A	True-or- False(Com bo) 4 4 1	Factoid 1	3 3 3 3 3 N/A 3	Unique  3 1 3 3 3 N/A	Time  3 3 3 3 3 4 3 4
Forst Forst SML SML SML Forst Forst Forst KitAi # of runs pr	JA JA(Comb) JA JA JA JA JA JA JA(Comb) JA(Comb) JA Oducing the	Y  1 KitAi-2 1 2 3 2 KitAi-1 KitAi-3 1 correct answ	41 38 37 37 37 32 32 32 32	Factoid  1 1 correct correct correct N/A 1 1 1 3	True-or-False correct 4 4 4 3 3 3 3 2	True-or- False(Com bo)  3 3 3 3 3 3 correct 3 correct	True-or-False  3 3 correct correct 1 4 1 4 1	True-or-False  3 3 2 2 2 correct 2 correct 2	True-or-False  4 4 correct correct 4 1 4 1 4 2	Geography  3 3 3 3 3 N/A 3 N/A correct 1	Time  3 3 3 3 3 6 3 6 1 0	True-or- False(Com bo)  2  2  2  2  1  1  1  0	True-or- False  3 3 3 3 3 4	True-or-False  3 3 2 2 2 2 3 2 3 0	True-or- False(Com bo)  1  4  4  1  2  1	3 1 3 3 3 N/A	True-or- False(Com bo) 4 4 1	Factoid 1	3 3 3 3 3 N/A 3	Unique  3 1 3 3 3 N/A	Time  3 3 3 3 3 4 3 4
Forst Forst SML SML SML Forst Forst Forst KitAi # of runs pr	JA JA(Comb) JA JA JA JA JA JA JA JA(Comb) JA(Comb) JA oducing the of (%) ted to the an	Y  1 KitAi-2 1 2 3 2 KitAi-1 KitAi-3 1 correct answ	41 38 37 37 37 32 32 32 32	Factoid  1 1 correct correct correct N/A 1 1 1 3	True-or-False correct 4 4 4 3 3 3 3 2	True-or- False(Com bo)  3 3 3 3 3 3 correct 3 correct	True-or-False  3 3 correct correct 1 4 1 4 1	True-or-False  3 3 2 2 2 correct 2 correct 2	True-or-False  4 4 correct correct 4 1 4 1 4 2	Geography  3 3 3 3 3 N/A 3 N/A correct 1	Time  3 3 3 3 3 6 1 0 0.0	True-or- False(Com bo)  2  2  2  2  1  1  1  0	True-or- False  3 3 3 3 3 4	True-or-False  3 3 2 2 2 2 2 3 0 0 0	True-or- False(Com bo)  1  4  4  1  2  1	3 1 3 3 3 N/A	True-or- False(Com bo) 4 4 1	Factoid 1	3 3 3 3 3 N/A 3	Unique  3 1 3 3 3 N/A	Time  3 3 3 3 3 4 3 4

Table 20: Detail results of free description questions in Phase-1	Table 20:	Detail	results o	of free	description	questions	in	Phase-1
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Part   Property   Pr	Fort.QF   Fort	incorrect correct correct
No.   Second   Seco	2	incorrect correct correct
No.   Second   Seco	2	incorrect correct correct
Description		incorrect correct correct correct
Proposed   Sources   Sources   Sources   Sources   Sources   Control   Sources   Control   Sources   Sources   Control   Sources   Sou	4	incorrect correct correct correct
Proposed   Sources   Sources   Sources   Sources   Sources   Control   Sources   Control   Sources   Sources   Control   Sources   Sou	4	incorrect correct correct correct
Description   Control Processed   Control Pr	5	correct com incorrect incor incorrect incor incorrect incor incorrect incor correct corr
March   Decorate   Secondary   Secondary   Decorate	6	incorrect incorr incorrect incorr incorrect incorr incorrect incorr correct corr
March   Decorate   Secondary   Secondary   Decorate	6	incorrect incorr incorrect incorr incorrect incorr incorrect incorr correct corr
The proposed   Decorated   D	7	incorrect incorr incorrect incorr incorrect incorr correct corr
The proposed   Decorated   D	7	incorrect incorr incorrect incorr incorrect incorr correct corr
Description	8	incorrect incorr incorrect incorr correct corr
Description   Common   Commo	9 morrest homoret homo	incorrect incorr
Description   Source   Sourc	9 Incorect   hoormet   mormet    incorrect incorr	
1   Sometical Sources	11 morrect incorrect   morrect   mor	correct corr
1	12 normet hommet hommet N/A N/A N/A hommet 11 commet commet N/A N/A 10 normet 1 normet hommet	
12   10   10   10   10   10   10   10	12 normet Incornet In	
3   Source   Comment   C	13 normet incomet incomet incomet IN/A N/A N/A incomet 12 incomet incomet N/A N/A N/A incomet 12 incomet incomet N/A N/A incomet 13 incomet incomet N/A N/A incomet N/A N/A N/A incomet N/	incorrect incor
15	15 normet hormet kinderet innormet N/A N/A N/A normet 13 normet normet kinderet kinderet innormet 12 normet normet kinderet innormet kinderet kinderet innormet kinderet kinderet innormet kinderet k	
15	15 normet hormet kinderet innormet N/A N/A N/A normet 13 normet normet kinderet kinderet innormet 12 normet normet kinderet innormet kinderet kinderet innormet kinderet kinderet innormet kinderet k	
6	16 incorrect inc	
17		/ 21
17		
18		
18	17 Incorrect Inc	ıl 81
19		
50   Soormel		
50   Soormel	19 incorrect incorrect incorrect N/A N/A N/A incorrect 17 incorrect incorrec	il ol
1		
1	20   incorrect   incorrect   incorrect   incorrect   N/A   N/A   N/A   N/A   incorrect   18   correct   correct   incorrect   incorrect   incorrect   incorrect   17   correct   N/A   N/A   17   incorrect   inco	
22   Scormet,   Scor		
3		
3	22   Incorrect   Incorrect   Incorrect   Incorrect   N/A   N/A   N/A   Incorrect   Incorre	
A		
15   Normet   Norme		
15   Normet   Norme	24 incorract inc	
38		
38	25   incorrect   incorrect   incorrect   N/A   N/A   N/A   N/A   incorrect   23   correct   correct   incorrect   26   incorrect   incorrect   N/A   22   N/A   N/A   22   incorrect   inc	
88   Normet   Norme		
88   Normet   Norme	27 Incorrect Incorrect Incorrect N/A N/A N/A Incorrect 25 Incorrect Incorrect Incorrect Incorrect Incorrect Incorrect N/A N/A N/A 24 Incorrect Inc	
30	28 Incorrect Inc	
30	00 1	
1		
1	30 incorrect inc	
Second Second   Second Secon		
O	31 Incorrect Incorrect Incorrect N/A N/A N/A Incorrect 28 Incorrect Incorrect Incorrect Incorrect Incorrect Incorrect 28 correct N/A N/A 28 Incorrect Incorrect Incorrect	
O	# of cornect property and the property of the	
Second   Control   Contr		
Second   Control   Contr	0 0 0 0 0 0 0 0 0 31 N/A	
27   27   27   8   8   8   27   34   MA   MA   MA   40   incorrect   incorrect   correct   cor		
Set   No.   Set   No.		
Set   No.   Set   No.	27 27 8 8 8 27 34 N/A	
1   1   20   20   20   1   36   M/A   M/		
37	# of N/A 33   incorrect   incorrect   incorrect   answers 33   N/A   N/A   N/A   33   incorrect   incorrect   incorrect	
37	1 1 20 20 20 1 20 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	
38		
38	37 Incorrect Inc	
40		
41		
41	40 incorrect inc	
42		
42	41 incorrect incorrect incorrect   OI OI 1 38 N/A N/A incorrect   38 correct N/A N/A	
44		
46		
46	44 Incorrect Inc	
47		
48		
48	47 incorract incorract incorract incorract incorract	
49		
49   correct	48   incorrect   i	
50		
52	49 cornect cornect incornect incornect   44 cornect N/A N/A 44 incornect incornect incornect	
52		
53		
54	50 incorrect incorrect incorrect incorrect incorrect 45 correct N/A N/A 45 incorrect N/A N/A	
54	50   Incorrect   Incorrect   Incorrect   Incorrect   Incorrect   M/A   M/A   45   Incorrect   M/A   M/A   46   Incorrect   M/A   M/A   47   M/A   M/	
57	50   Incorrect   Incorrect   Incorrect   Incorrect   Incorrect   M/A   M/A   45   Incorrect   M/A   M/A   46   Incorrect   M/A   M/A   47   M/A   M/	
57	50   Incorrect   Incorrect   Incorrect   Incorrect   Incorrect   45   Correct   N/A   N/A   45   Incorrect   N/A	
58	50   Incorrect   Incorrect   Incorrect   Incorrect   Incorrect   45   Correct   N/A   N/A   45   Incorrect   N/A	
59	50   Incorrect   Incorrect   Incorrect   Georget   Incorrect   Scale   Georget   Incorrect   Scale   Georget   Incorrect   I	
59	50   Incorrect   45   Incorrect   N/A   N/A   45   Incorrect   N/A   N/A     53   Incorrect   Incorrect   Incorrect   47   N/A   N/A   47   Incorrect   N/A   N/A     54   Incorrect   Incorrect   Incorrect   Incorrect   48   Incorrect   N/A   N/A   48   Incorrect   N/A   N/A     57   Incorrect   Incorrect   Incorrect   Incorrect   Incorrect   N/A   N/A   48   Incorrect   N/A   N/A     58   Incorrect   Incorrec	
60	50   Incorrect   45   Incorrect   N/A   N/A   45   Incorrect   N/A   N/A     53   Incorrect   Incorrect   Incorrect   47   N/A   N/A   47   Incorrect   N/A   N/A     54   Incorrect   Incorrect   Incorrect   Incorrect   48   Incorrect   N/A   N/A   48   Incorrect   N/A   N/A     57   Incorrect   Incorrect   Incorrect   Incorrect   Incorrect   N/A   N/A   48   Incorrect   N/A   N/A     58   Incorrect   Incorrec	
61	50   Incorrect   Incorrect   Incorrect   Incorrect   Security	
61	50   Incorrect   Incorrect   Incorrect   Incorrect   Security	
# of connect answers     13   3   7   54   Incornect   N/A   Incor	50   Incorrect   Incorrect   Incorrect   Security   Incorrect   Security	
# of connect answers     13   3   7   54   Incornect   N/A   Incor	50   Incorrect	
6 6 5 1 # of NVA # of correct answers 8 1 3 # of nonrect answers 8 1 3 # of nonrect answers 9 # of NVA # of NVA # of NVA # of NVA # 45 30 31	50   Incorrect	
# of incorrect answers	50   Incommet. Incommet. Incommet.   50   Incommet.   51   Incommet.   52   Incommet.   53   Incommet.   54   Incommet.   54   Incommet.   55   Incommet.   56   Incommet.   56   Incommet.   56   Incommet.   57   Incommet.   57   Incommet.   58   Incommet.   59   Incommet.   5	
# of incorrect answers	50   Incomest,	
42 42 42 37 # of N/A 45 30 31	50   Incorrect	
# of N/A 45 30 31	50	
# of N/A 45 30 31	50   Incommet.   Incommet.   Incommet.     45   Commet.   N/A   N/A   45   Incommet.   N/A   N/A   15   Incommet.   N/A   N/A   15   Incommet.   N/A   N/A   16   Commet.   N/A   N/A   16   Commet.   N/A   N/A   16   Commet.   N/A   N/A   17   Incommet.   N/A   N/A   17   Incommet.   N/A   N/A   17   Incommet.   N/A	
	50   Incommet.   Incommet.   Incommet.     45   Commet.   N/A   N/A   45   Incommet.   N/A   N/A   15   Incommet.   N/A   N/A   15   Incommet.   N/A   N/A   16   Commet.   N/A   N/A   16   Commet.   N/A   N/A   16   Commet.   N/A   N/A   17   Incommet.   N/A   N/A   17   Incommet.   N/A   N/A   17   Incommet.   N/A	
	50   Incorrect	
	50   Incorrect	
	50   Incorrect	
1 22 20	50   Incorrect	
	50	

•	Table 21: Deta	il results of Beness	se mock exam in Phase-2	
TEAM_ID LANG PRIORIT TOTAL Y SCORE A18 A46 A03 A10	A37 A22 A55 A13 A35	A42 A45 A01 A14 A23 A30 A	A39 A51 A54 A07 A24 A25 A36 A26 A32	A43 A56 A62 A09 A12 A31 A53 A04

		1	SCORE																																
NUL	JA	- 1	121	correct	correct	cerrect	cerrect	correct	correct	1	2	correct	3	correct	correct	correct	correct	correct	correct	1	correct	cerrect	cerrect												
NUL	JA	2	121	correct	correct	correct	correct	correct	correct	1	2	correct	3	correct	correct	correct	correct	correct	correct	1	correct														
NUL	JA	3	118	correct	correct	correct	correct	correct	correct	3	2	correct	3	correct	correct	correct	correct	correct	correct	1	correct														
DCUMT	JA	1	113	correct	correct	correct	3	correct	3	correct	correct	3	2	correct	1	1	correct	correct	cerrect	correct	2	1	correct	correct	- 1	correct	correct	4	2						
SML	JA	4	78	correct	2	correct	correct	4	correct	1	correct	4	correct	3	3	1	correct	correct	2	4															
SML	JA	3	75	correct	2	correct	correct	4	correct	1	correct	4	3	3	3	1	correct	correct	2	1															
Forst	JA	2	74	correct	correct	correct	2	3	correct	correct	correct	4	2	correct	2	correct	4	1	correct	correct	1	2	correct	3	correct	1	2	correct	correct	correct	correct	2	1	2	1
KSU	JA	1	70	correct	correct	3	correct	2	correct	correct	2	4	correct	correct	1	3	4	1	correct	correct	correct	2	4	4	2	1	correct	correct	3	correct	correct	4	correct	correct	correct
SML	JA	2	68	correct	3	correct	correct	correct	correct	correct	correct	2	correct	correct	- 4	correct	correct	correct	4	3	3	3	1	- 1	3	2	4								
Forst	JA	3	67	correct	4	3	2	correct	correct	1	4	4	correct	2	4	correct	4	1	correct	1	correct	2	1	4	4	correct	correct	correct	correct	correct	correct	4	3	2	4
KitAi	JA	2	64	correct	correct	correct	cerrect	correct	1	correct	correct	correct	correct	2	correct	1	correct	1	correct	correct	1	1	correct	correct	1	1	correct	1	correct	4	2	correct	1	cerrect	4
SML	JA	- 5	64	correct	3	2	correct	1	correct	correct	3	1	correct	correct	correct	correct	correct	correct	4	3	3	3	1	_ 1	3	2	4								
SML	JA	1	63	correct	3	2	1	1	correct	correct	3	1	correct	correct	correct	3	correct	correct	3	3	4	3	- 1	- 1	3	2	4								
Forst	JA	1	62	correct	correct	correct	3	correct	correct	1	2	correct	4	4	2	cerrect	3	correct	1	correct	2	correct	correct	3	cerrect	correct	4	3	correct	3	3	2	4	3	cerrect
KitAi	JA	1	61	correct	3	correct	correct	correct	1	correct	correct	correct	correct	2	correct	1	correct	1	correct	correct	2	1	correct	correct	1	1	correct	1	correct	4	2	correct	1	correct	4
KSU	JA	2	61	3	correct	3	correct	2	1	correct	correct	4	correct	correct	2	3	2	1	correct	correct	correct	1	4	4	2	1	correct	correct	3	correct	correct	4	1	correct	correct
KSU	JA	3	55	3	correct	3	correct	2	1	correct	correct	4	correct	correct	2	3	2	1	correct	correct	3	ı	4	4	2	1	correct	correct	3	correct	correct	4	1	correct	correct
SML	JA	6	52	correct	4	correct	cerrect	correct	cerrect	3	correct	2	2	2	correct	1	1	correct	correct	3	3	3	4	3	4	correct	2	4							
# of runs pro		cerect answ	er	16	15	14		14	13			12	12	12	- 11	- 11	11	11	- 11		11	10	10	10	10	9	9	9	9	9	8	- 8	8	8	7
correct rate (				88.9	83.3	77.8	77.8	77.8	72.2	72.2	66.7	66.7	66.7	66.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	55.6	55.6	55.6	55.6	50.0	50.0	50.0	50.0	50.0	44.4	44.4	44.4	44.4	38.9
score allocate		m/er		3	3	2	3	3	3	2	2	3	3	2	3	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
correct answ	1			4	2	1			2	4	1	1	1	3		4	-	2	4	- 4	4	3	2	2	3	3	_	2	1	2	4	3	2	- 1	3
TEAM_ID	LANG	PRIORIT Y	TOTAL SCORE	A06	A11	A15	A16	A20	A28	A48	A57	A63	A05	A40	A50	A52	A59	A21	A27	A29	A38	A41	A19	A33	A34	A60	A61	A17	A44	A47	A08	A49	A58	A02	
NUL	JA	1	121	correct	1	correct	correct	1	correct	1	2	correct	correct	4	correct	correct	4	4	correct	1	correct	correct	correct	correct	correct	2	1	1	2	correct	1	3	3	6	
NUL	JA	2	121	correct	1	correct	correct	1	correct	2	2	correct	correct	4	correct	cerrect	4	4	correct	1	correct	correct	correct	correct	correct	2	1	1	2	correct	1	3	3	6	
NUL	JA	3	118	correct	1	correct	correct	1	correct	1	2	correct	correct	4	correct	correct	4	4	correct	3	4	correct	correct	2	correct	3	1	correct	2	correct	1	3	3	6	
DCUMT	JA	1	113	3	correct	correct	correct	correct	2	correct	4	correct	1	- 1	correct	correct	correct	4	correct	correct	correct	correct	- 1	correct	2	correct	correct	1	correct	3	1	correct	correct	correct	
SML	JA	4	78	correct	1	correct	1	4	2	correct	correct	1	1	correct	4	3	3	2	4	3	4	2	- 1	4	2	3	4	1	3	3	3	3	1	6	
SML	JA	3	75	correct	1	correct	1	4	2	correct	correct	1	1	correct	4	3	3	2	4	3	4	2	1	4	2	3	4	1	3	3	3	2	1	6	
Forst	JA	2	74	correct	4	correct	4	correct	correct	4	2	2	1	correct	correct	1	2	2	1	3	correct	3	correct	4	2	2	1	correct	correct	3	correct	correct	3	2	
KSU	JA	1	70	3	correct	2	1	correct	correct	1	1	correct	correct	4	4	3	correct	correct	3	correct	3	3	1	4	1	correct	1	4	1	1	1	3	1	4	
SML	JA	2	68	4	correct	4	3	3	2	correct	correct	1	1	correct	1	3	3	2	4	3	4	3	1	4	2	3	correct	4	3	3	3	2	1	6	
Forst	JA	3	67	4	4	1	correct	4	correct	4	2	2	- 1	correct	correct	3	2	2	4	correct	correct	correct	1	4	2	correct	1	1	correct	3	correct	4	1	2	
KitAi	JA	2	64	3	1	2	correct	correct	1	1	1	1	3	- 1	2	1	correct	correct	3	3	4	1	1	3	1	2	1	4	2	2	1	4	1	1	
SML	JA	5	64	4	correct	4	3	3	2	correct	correct	1	- 1	4	1	cerrect	3	2	4	3	4	3		4	2	2	correct	4	3	3	3	2	1	6	
SML	JA	1	63	4	correct	4	3	3	2	correct	correct	1	- 1	correct	1	correct	3	2	4	3	4	1	1	correct	2	2	correct	4	3	3	3	4	4	6	
Forst	JA	1	62	3	2	2	3	1	correct	correct	correct	2	1	4	4	4	3	3	correct	3	2	2	2	4	correct	correct	4	1	3	3	3	3	correct	3	
KitAi	JA	1	61	3	- 1	2	correct	correct	1	1	1	1	3	- 1	2	1	correct	correct	3	3	4	1		3	1	2	1	4	2	2	- 1	4	1	1	
KSU	JA	2	61	3	correct	1	1	correct	1	1	1	correct	correct	4	4	1	correct	correct	4	correct	2	3	1	4	1	3	1	correct	1	1	1	3	4	4	
KSU	JA	3	55	3	correct	1	1	correct	1	1	1	correct	correct	- 4	4	1	correct	correct	4	correct	2	3	1	4	1	3	1	4	1	1	1	3	4	4	
SML	JA	6	52	correct	4	2	4	3	2	4	correct	1	1	4	2	3	3	2	4	1	4	2		3	2	3	1	1	3	3	3	3	3	6	
# of runs pro		orrect answ	er	7	7	7	7	7	7	7	7	7	- 6	6		6	6	5	5		5	5	4	4	4	4	4	3	3	3	2	2	2	1	
correct rate (				38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	33.3	33.3	33.3	33.3	33.3	27.8	27.8	27.8	27.8	27.8	22.2	22.2	22.2	22.2	22.2	16.7	16.7	16.7	11.1	11.1	11.1	5.6	
score allocate	d to the ans	rwer 1970		] 3	2	1 3	1 3	2	1 2	1 3	1 3	1 2	1 2	1 2	1 3	1 3											3	3	3				3	3	
correct answ																				,															

Table 22: Detail results of free description questions in Phase-2

	Sundai													
					Sundai				1	1				
	Forst_01	Forst_02	Forst_03	Forst_04	Forst_05	SML_01	SML_02	SML_03	SML_04	SML_05				
1	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct				
2	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct				
3	incorrect	correct	incorrect	incorrect	incorrect	correct	correct	correct	correct	correct				
4	correct	incorrect	correct											
5	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct				
6	correct	incorrect	correct											
7	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect				
8	correct	correct	incorrect	correct	correct	incorrect	incorrect	incorrect	incorrect	incorrect				
9	correct	incorrect	correct											
10	correct	incorrect	correct											
# of correc	t answers													
	8	5	7	8	8	8	8	8	8	8				
# of incorn	ect answers	3												
	2	5	3	2	2	2	2	2	2	2				
# of N/A														
	0	0	0	0	0	0	0	0	0	0				

					Г	Table	23: I	Detai	l resi	ılts o	f Cer	nter 7	Гest i	n Ph	ase-3						
TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A02	A08	A07	A36	A23	A04	A13	A20	A34	A25	A03	A09	A27	A32	A28	A14	A12	A11
NUL	JA	3	68	correct	correct	correct	2	correct	correct	correct	1	correct	correct	3	1	correct	correct	correct	correct	correct	correct
NUL NUL	JA JA	2	65 65	correct	correct	correct	2 2	3 correct	correct	correct	1	correct	correct	3	correct 1	correct	correct	correct	correct	correct	correct
KUAS	EN	1	62	correct	correct	correct	correct	correct	2	correct	correct	correct	correct	2	1	correct	correct	2	correct	4	correct
Forst	JA	2	48	correct	correct	correct	correct	3	correct	2	correct	correct	4	4	4	correct	1	correct	correct	correct	correct
SML KUAS	JA EN	1 2	47 47	1 correct	correct	correct	4 correct	correct 3	correct	4 correct	correct	correct 4	1 correct	2	correct	correct 4	correct	4 correct	correct 2	3	correct
Forst	JA	1	42	correct	1	correct	2	3	4	correct	1	correct	correct	4	3	correct	2	correct	correct	correct	2
SML	JA	2	41	correct	2	2	correct	correct	1	correct	correct	correct	correct	4	correct	correct	correct	correct	3	3	3
SML KUAS	JA EN	3	41 40	correct 1	1 correct	3 correct	correct	correct 4	correct 4	4 correct	correct 4	correct 4	correct	correct 4	correct	correct 4	correct	correct	2	2	3 correct
KSU	JA	1	38	correct	1	correct	correct	correct	4	1	correct	correct	correct	correct	4	2	1	1	correct	correct	4
KSU	JA	3	38	correct	1	correct	correct	correct	4	1	correct	correct	correct	correct	4	2	1	1	correct	correct	4
ISOFT Forst	EN JA	3	38 38	N/A correct	correct	3	3	3	correct 2	correct 1	correct 3	N/A 3	2	correct	correct	2 correct	1 correct	1 correct	correct 2	correct 1	correct
SLQAL	JA	1	35	3	correct	correct	correct	correct	correct	2	3	3	1	3	4	correct	3	2	2	3	3
WIP	EN	1 2	34 34	correct	correct	correct	correct	4	4	2	1	4	correct	correct	correct	4	1	1	2	1	3
IMTKU	EN EN(Comb)	KitAi-1	34	correct	correct 2	correct 4	correct	2	correct	1	3	correct	correct	correct 3	correct 3	2	2	1	correct	correct	4
KitAi	JA	1	31	correct	correct	correct	correct	correct	1	correct	correct	1	1	correct	3	3	correct	4	1	1	correct
KitAi KitAi	JA JA	3	31 31	correct	correct	correct	correct	correct	1	correct	correct	1	1	correct	3	3	correct	4	1	1	correct
KSU	JA	2	30	1	1	3	correct	3	correct	1	correct	correct	correct	correct	1	4	1	1	3	1	4
CMUQA	EN	Baseline	27	1	correct	3	correct	2	correct	correct	correct	4	1	2	correct	3	2	1	correct	2	3
CMUQA CMUQA	EN EN	3	25 24	correct 1	correct	correct	correct	correct 2	4	correct	correct	4 correct	1	correct	1	correct	1 correct	1	2	3	3
IMTKU	JA	3	24	correct	correct 2	correct 4	correct 4	correct	4	correct 1	3	correct	4	correct 4	correct	correct 2	correct 2	2	2	correct	3
CMUQA	EN	2	23	correct	correct	2	4	4	4	correct	correct	4	4	correct	3	correct	2	1	2	2	2
IMTKU IMTKU	EN EN	2	20 20	3	2	3	2	correct	correct	1	3	3	2	2	4	2	1 1	correct	2	3	2
WUQA	EN	1	17	1	correct	3	3	4	2	1	1	1	1	4	correct	2	1	2	correct	correct	4
IMTKU	EN	3	14	3	2	3	4	2	correct	1	3	3	4	3	4	2	1	correct	2	3	2
IMTKU IMTKU	JA	1	12	correct	2	4	4	correct 2	4	1	3	correct 3	4	4	correct	2	2	2	2	correct	2
	JA ducing the c	orrect answer	8	4 22			19	17	correct 16	1 16		3 16	1 15	14	4 14	2 14	14	2 13	13	2 12	12
correct rate	%)			66.7	63.6	57.6	57.6	51.5	48.5	48.5	48.5	48.5	45.5	42.4	42.4	42.4	42.4	39.4	39.4	36.4	36.4
score allocat		swer		2			3	3	3	3		3			3	2	3	3	3	3	3
Correct arisw	CI																				
					1 -				,	3	2	2	3	1		- 1	4	3	4	4	1
TEAM_ID	LANG	PRIORITY	TOTAL	A35	A18	A26	A10	A05	A16	A15	A31	A29	A33	A21	A06	A01	A19	A17	A22	A24	A30
		PRIORITY	SCORE	A35	A18	A26	A10	A05	A16	A15	A31	A29	A33	A21	A06		A19			A24	A30
TEAM_ID  NUL  NUL	JA JA	PRIORITY  3 1		_				-	_							A01 correct		A17 4 4			
NUL NUL NUL	JA JA JA	3 1 2	68 65 65	A35 correct correct correct	A18 correct correct	A26 correct correct	A10 correct correct correct	A05 correct correct correct	A16 3 3 3	A15 correct correct	A31 correct correct correct	A29	A33	A21 3 3 3	A06 3 3 3	correct correct	A19 correct 2 2	4 4 4	A22	A24 3 3 3	A30 correct correct
NUL NUL NUL KUAS	JA JA JA EN	3 1 2	68 65 65 62	A35 correct correct correct correct	A18 correct correct correct	A26 correct correct correct 4	A10 correct correct correct	A05 correct correct	A16 3 3 3 correct	A15 correct correct correct 4	A31 correct correct	A29	A33  1  1  1  correct	A21 3 3 3 correct	A06 3 3 3 1	correct correct correct	A19 correct 2 2 correct	4 4	A22  1 3 1 correct	A24 3 3	A30 correct correct correct correct
NUL NUL NUL	JA JA JA	3 1 2	68 65 65 62 48 47	A35 correct correct correct	A18 correct correct	A26 correct correct	A10 correct correct correct	A05 correct correct correct correct	A16 3 3 3	A15 correct correct	A31 correct correct correct 4	A29 1 1 1 4	A33	A21 3 3 3	A06 3 3 3	correct correct	A19 correct 2 2	4 4 4 4	A22	A24 3 3 3 4	A30 correct correct
NUL NUL NUL KUAS Forst SML KUAS	JA JA JA EN JA JA JA EN JA EN	3 1 2 1 2 1 2	68 65 65 62 48 47	A35 correct correct correct 4 3 4	A18 correct correct 1 2 correct correct	A26 correct correct 4 correct correct 1	A10 correct correct 1 correct 1 correct	A05 correct correct correct 2 1 correct	A16  3 3 3 correct correct correct correct	A15 correct correct 4 N/A 3 2	A31 correct correct 4 1 4 correct	A29  1 1 1 4 1 1 1 1	A33  1 1 1 correct 1 correct 4	A21  3 3 3 correct 4 correct 3	A06  3 3 3 1 correct 3 2	correct correct 1 N/A 3 correct	A19  correct 2 2 correct correct 1	4 4 4 4 1 1 4	A22  1 3 1 correct 3 correct 1	A24  3 3 3 4 1 3 4	A30  correct correct correct correct 2 3 1
NUL NUL NUL KUAS Forst SML KUAS Forst	JA JA JA EN JA JA EN JA EN JA	3 1 2 1 2 1 2 1 2	68 65 65 62 48 47 47	A35 correct correct correct 4 3 4 correct	A18 correct correct 1 2 correct correct 4	A26 correct correct 4 correct correct 1	A10 correct correct 1 correct 1 correct 4	A05 correct correct correct 2 1 correct 2	A16  3 3 3 correct correct correct correct correct	A15 correct correct 4 N/A 3 2 3	A31 correct correct 4 1 4 correct 2	A29  1 1 1 4 1 1 1 correct	A33  1 1 1 correct 1 correct 4 correct	A21  3 3 3 correct 4 correct 3 4	A06  3 3 3 1 correct 3 2 3	correct correct 1 N/A 3 correct 3	A19 correct 2 correct correct 1 correct	4 4 4 4 1 1 1 4 4	A22  1 3 1 correct 3 correct 1	A24  3 3 3 4 1 3 4 correct	A30 correct correct correct correct 2 3 1 3
NUL NUL NUL KUAS Forst SML KUAS	JA JA JA EN JA JA JA EN JA EN	3 1 2 1 2 1 2	68 65 65 62 48 47	A35 correct correct correct 4 3 4	A18 correct correct 1 2 correct correct	A26 correct correct 4 correct correct 1	A10 correct correct 1 correct 1 correct	A05 correct correct correct 2 1 correct	A16  3 3 3 correct correct correct correct	A15 correct correct 4 N/A 3 2	A31 correct correct 4 1 4 correct	A29  1 1 1 4 1 1 1 1	A33  1 1 1 correct 1 correct 4	A21  3 3 3 correct 4 correct 3	A06  3 3 3 1 correct 3 2	correct correct 1 N/A 3 correct	A19  correct 2 2 correct correct 1	4 4 4 4 1 1 4	A22  1 3 1 correct 3 correct 1	A24  3 3 3 4 1 3 4	A30  correct correct correct correct 2 3 1
NUL NUL NUL KUAS Forst SML KUAS Forst SML KUAS KUAS KUAS	JA JA JA EN JA EN JA JA A JA JA JA JA JA JA JA	3 1 2 1 2 1 2 1 2 1 2 3 1	SCORE 68 65 65 62 48 47 47 42 41 41	A35 correct correct correct 4 3 4 correct 3 correct 3 correct	A18 correct correct 1 2 correct correct 4 1 4 correct	A26 correct correct 4 correct 1 1 4 correct	A10 correct correct 1 correct 2 4 4 4 2	A05 correct correct correct 2 1 correct 2 correct correct correct correct correct correct	A16 3 3 3 correct correct correct correct 4 correct 4	A15 correct correct 4 N/A 3 2 3 3 3 3 3	A31 correct correct 4 1 4 correct 2 correct 4	A29  1 1 1 4 1 1 correct 3 1	A33  1 1 1 correct 1 correct 4 correct 4 4 4	A21  3 3 3 correct 4 correct 4 correct 3 4 4 3 correct	A06  3 3 3 1 correct 3 2 3 3 3 3 3 3 3	correct correct 1 N/A 3 correct 3 3 3 3 3 3	A19 correct 2 correct correct 1 correct 2 1 correct 1 correct 1	4 4 4 1 1 1 4 4 4 4 4	A22  1 3 1 correct 3 correct 1 1 1 1	A24  3 3 3 4 1 1 3 4 correct 3 3 4	A30 correct correct correct 2 3 1 3 3 3 1
NUL NUL NUL KUAS Forst SML KUAS Forst SML KUAS KUAS KUAS KML KUAS	JA JA JA EN JA EN JA	3 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 1 1 2 1	SCORE 68 65 65 62 48 47 47 42 41 40 38	A35 correct correct 4 3 4 correct 3 correct 3 correct 3	A18 correct correct 1 2 correct correct 4 1 4 correct	A26 correct correct 4 correct 1 1 4 correct 4 correct	A10 correct correct 1 correct 4 4 4 2 1	A05 correct correct correct 2 1 correct 2 correct correct 3	A16 3 3 3 correct correct correct correct 4 3	A15 correct correct 4 N/A 3 2 3 3 3 correct	A31 correct correct 4 1 4 correct 2 correct 4	A29  1 1 1 4 1 1 1 correct correct 3	A33  1 1 1 correct 1 correct 4 correct 4 4 3	A21 3 3 3 correct 4 correct 3 4 4 3 correct 3	A06  3 3 3 1 correct 3 2 3 3 3 3 correct	correct correct 1 N/A 3 correct 3 3 3	A19 correct 2 correct 2 correct 2 1 correct 2 1 correct 3	4 4 4 4 1 1 1 4 4 4 4 4 4 4 correct	A22  1 3 1 correct 3 correct 1 1 1	A24  3 3 3 4 1 3 4 correct 3 4 3	A30  correct correct correct 2 3 1 3 3 3
NUL NUL NUL KUAS Forst SML KUAS Forst SML KUAS KUAS KUAS SML KUAS	JA JA JA EN JA EN JA JA EN JA JA JA JA JA JA JA JA EN JA JA EN JA JA EN	3 1 2 1 2 1 2 1 2 3 1 1 3 1	SCORE 68 65 65 65 48 47 47 42 41 41 40 38 38 38 38	A35 correct correct 4 3 4 correct 3 correct 3 correct 3 correct 3 correct	A18 correct correct 1 2 correct 4 1 4 correct 1 1 correct	A26 correct correct 4 correct 1 1 4 correct 4 correct 1 1 1 4 1 1 1 4 correct 1	A10 correct correct 1 correct 4 4 4 1 1 1 1 4	A05 correct correct correct 2 1 correct 2 correct correct 3 3 3 3	A16  3 3 3 correct correct correct correct 4 correct 4 correct 4 3 3 correct	A15 correct correct 4 N/A 3 2 2 3 3 3 correct correct	A31 correct correct 4 1 4 correct 2 correct 4 4 correct 2 correct 4 2 correct 2	A29  1 1 1 4 1 1 correct correct 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A33  1 1 1 1 correct 1 correct 4 correct 4 correct 3 correct correct	A21 3 3 3 correct 4 correct 4 4 3 4 4 3 correct 3 4 4 4 4 3	A06  3 3 3 1 1 2 2 3 3 3 3 correct N/A	correct  N/A  Correct  3  3  3  5  N/A	A19 correct 2 2 correct correct 1 correct 2 1 3 3 2	4 4 4 4 1 1 1 4 4 4 4 4 4 correct	A22  1 3 1 correct 3 correct 1 1 1 1 N/A	A24  3 3 3 4 1 1 3 4 correct 3 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A30 correct correct correct 2 3 1 3 3 1 1 N/A
NUL NUL NUL KUAS Forst SML KUAS Forst SML KUAS Forst SML SML SML SML SML KUAS KSU ISOFT Forst	JA JA JA LA JA LA JA	3 1 2 1 2 1 2 1 2 1 2 3 3 1 1 1 3	SCORE 68 65 65 62 48 47 47 42 41 41 40 38 38 38 38	A35 correct correct correct 4 3 4 correct 3 3 correct 3 correct 4 4 correct 4	A18 correct correct 1 2 correct 4 1 4 correct 1 1 correct 4 correct 4 correct	A26  correct correct 4 correct 1 1 4 correct 4 correct 1 1 correct 4 correct	A10 correct correct 1 correct 1 2 4 4 2 1 1 4 correct	A05 correct correct 2 1 correct 2 correct 3 3 3 2	A16 3 3 3 correct correct correct correct 4 4 3 3 3 correct 4 4 4 4 4 5 6 6 6 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	A15 correct correct 4 N/A 3 2 3 3 3 correct correct N/A N/A	A31 correct correct 4 1 4 correct 2 correct 4 4 correct 2 correct 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A29  1  1  1  4  1  1  1  correct  3  1  1  1  correct  1  1  correct	A33  1 1 1 correct 1 correct 4 correct 4 4 3 3 correct 1	A21  3 3 3 correct 4 correct 3 4 4 3 correct 3 4 3 3 correct 3 3 3 4 3	A06  3  3  1  correct  3  2  3  3  3  correct  correct  N/A  6	correct correct 1 N/A 3 correct 3 3 3 5 N/A 5	A19 correct 2 2 correct 2 1 correct 2 1 correct 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 4 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4	A22  1 3 1 correct 3 correct 1 1 1 1 N/A correct	A24  3  3  3  4  1  1  4  correct  3  3  4  4  correct  4  correct	A30 correct correct correct 2 3 1 1 3 3 1 2 1 N/A 2
NUL NUL NUL KUAS Forst SML KUAS Forst SML KUAS KUAS KUAS SML KUAS	JA JA JA EN JA EN JA JA EN JA JA JA JA JA JA JA JA EN JA JA EN JA JA EN	3 1 2 1 2 1 2 1 2 3 1 1 3 1	SCORE 68 65 65 65 48 47 47 42 41 41 40 38 38 38 38	A35 correct correct 4 3 4 correct 3 3 correct 3 correct 4 3 3 correct 4 3 3	A18 correct correct 1 2 correct correct 1 4 1 1 correct 1 4 correct 1 correct 4 correct 4 correct 4 correct	A26 correct correct 4 correct 1 1 4 correct 4 correct 1 correct 2	A10 correct correct 1 correct 4 4 4 1 1 1 1 4	A05 correct correct correct 2 1 correct 2 correct correct 3 3 3 3	A16  3 3 3 correct correct correct correct 4 correct 4 correct 4 3 3 correct	A15 correct correct 4 N/A 3 2 3 3 3 correct correct N/A N/A 1	A31 correct correct 4 1 4 correct 2 correct 4 4 correct 2 correct 4 4 correct 1 4 correct 4	A29  1 1 1 4 1 1 correct correct 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A33  1 1 1 1 correct 1 correct 4 correct 4 correct 3 correct correct	A21 3 3 3 correct 4 correct 4 4 3 4 4 3 correct 3 4 4 4 4 3	A06  3 3 3 1 correct 3 2 3 3 3 correct correct N/A 6 1	correct  N/A  Correct  3  3  3  5  N/A	A19 correct 2 2 correct correct 1 correct 2 1 3 3 2	4 4 4 4 1 1 1 4 4 4 4 4 4 correct	A22  1 3 1 correct 3 correct 1 1 1 1 N/A	A24  3 3 3 4 1 1 3 4 correct 3 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A30 correct correct correct 2 3 1 3 3 1 1 N/A
NUL NUL NUL NUL SML Forst SML KUAS Forst SML SML SML SML SML SU SSU KSU KSU KSU KSU KSU KSU KSU KSU	JA JA JA EN JA JA EN JA	3 1 2 1 2 1 2 1 2 3 3 1 1 3 1 3 1 2 2 3 3 1 1 2 2 3 1 1 1 2 3 1 1 1 1	SCORE 68 65 65 62 48 47 47 42 41 40 38 38 38 38 35 34	A35 correct correct correct 4 3 4 correct 3 3 correct 4 3 3 correct 4 3 3 correct 4 3 correct correct correct	A18 correct correct 1 2 correct 4 1 1 correct 4 correct 4 correct 4 correct correct correct correct	A26  correct correct 4 correct 1 1 4 correct 4 correct 1 1 correct 4 correct	A10  correct correct 1 1 correct 4 4 4 2 1 1 1 1 correct 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A05 correct correct correct 2 1 correct 2 correct 2 correct 3 3 3 2 3 1 1	A16  3 3 3 3 3 correct correct correct correct 4 correct 4 correct 4 3 3 3 correct 4 2 3 3 3 3	A15 correct correct 4 N/A 3 2 3 3 3 correct correct N/A 1 N/A N/A	A31 correct correct 4 1 correct 2 correct 4 correct 1 4 correct 1 4 correct 1 4 correct correct correct correct correct correct correct correct	A29  1 1 1 1 4 1 1 1 correct correct 3 1 1 1 correct correct 2 2	A33  1 1 1 1 correct 1 correct 4 correct 4 correct 1 correct 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A21  3 3 3 3 3 4 correct 4 4 3 3 correct 3 3 correct 3 3 3 3 correct 3 3 3 correct 3 3 3 correct 3 3	A06  3 3 3 1 correct 3 2 3 3 3 correct correct 7 N/A 6 1 correct correct	correct 1 N/A 3 correct 3 3 3 5 N/A 5 N/A 5 N/A N/A N/A	A19 correct 2 2 correct 2 1 correct 2 1 correct 2 2 correct 1 3 3 2 correct 1 1	4 4 4 4 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4	A22  1 3 1 1 correct 3 correct 1 1 1 1 3 3 N/A correct 4 1 1 1 1	A24  3 3 3 4 1 1 3 4 correct 3 3 4 4 correct correct 4 4	A30 correct correct correct 2 3 1 3 3 1 1 N/A 2 1 N/A N/A
NUL NUL NUL KUAS Forst SML KUAS Forst SML KUAS SML KUAS SML KUAS KSU ISOFT Forst SIQAL WIP MITKU	JA JA JA EN JA EN JA JA JA EN JA JA JA EN JA JA JA EN JA JA EN	3 1 2 1 2 1 2 2 1 2 2 3 1 1 3 1 3 1 1 3 1 1 1 1	SCORE 68 65 65 62 48 47 47 42 41 40 38 38 38 38 38 38 34 34	A35 correct correct correct 4 3 4 4 3 3 correct 3 3 correct 4 3 correct 4 correct correct correct correct correct	A18  correct correct 1 2 correct correct 4 1 1 4 correct 1 correct 4 correct 4 correct 4 correct 4 correct 4 correct 4	A26 correct correct 4 correct 1 1 4 correct 4 correct 1 1 1 4 4 correct 4 correct 2 correct 2	A10 correct correct 1 correct 1 2 4 4 4 2 1 1 1 4 correct correct 1 1 correct	A05 correct correct correct 2 1 correct 2 correct correct 3 3 3 2 3 1	A16  3 3 3 3 3 3 correct correct correct 4 correct 4 correct 4 3 3 correct 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A15 correct correct 4 N/A 3 2 3 3 3 correct correct N/A N/A 1 N/A N/A 3 N/A 3	A31 correct correct 4 1 4 correct 2 correct 4 4 correct 1 4 correct 4 correct 4 correct correct 1 4 correct 2 1 1 4 correct 4 4 correct correct 4	A29  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A33  1 1 1 correct 1 correct 4 correct 4 4 1 correct 4 4 4 4 1 1 correct 4 4 4 4 1 1	A21  3 3 3 correct 4 correct 3 4 4 3 correct 3 3 correct 3 correct 3 correct 3 correct	A06  3 3 3 1 correct 3 3 3 3 3 3 3 correct N/A 6 1 correct 4	correct correct 1 N/A 3 correct 3 3 5 N/A 5 N/A N/A correct	A19 correct 2 2 correct correct 1 3 3 2 correct 1 1 2	4 4 4 4 1 1 1 4 4 4 4 4 4 4 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 6 6 6 6 6 7 6 7	A22  1 3 1 correct 3 correct 1 1 1 1 3 N/A correct 4 1 1 4	A24  3 3 3 4 1 1 3 4 correct 3 3 4 4 correct 4 4 4	A30 correct correct correct 2 3 1 3 3 1 1 2 1 N/A N/A 3
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NUL	JA	1	77	correct	correct	correct	correct	correct	1	correct	correct	correct	correct	correct	1	correct	4	correct	correct	1	correct	correct	correct	correct	correct	correct
NUL	JA	2	76	correct	correct	correct	correct	correct	1	correct	correct	correct	correct	correct	1	correct	4	correct	correct	1	correct	correct	correct	3	correct	correct
NUL	JA	3	76	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	1	correct	4	correct	correct	1	correct	correct	correct	correct	correct	correct
Forst	JA	1	44	correct	correct	correct	correct	correct	correct	correct	2	4	correct	4	correct	3	2	3	3	2	4	correct	correct	correct	correct	1
SML	JA	1	42	correct	correct	correct	correct	correct	3	2	correct	2	2	4	1	1	correct	3	correct	correct	correct	2	correct	2	1	3
KitAi	JA	2	40	correct	correct	correct	correct	correct	correct	correct	3	1	1	correct	correct	correct	correct	2	4	1	1	correct	4	2	1	3
SML	JA	3	38	correct	correct	correct	2	3	correct	2	correct	correct	correct	3	correct	3	correct	3	correct	correct	1	2	3	correct	1	3
Forst	JA	2	38	correct	3	correct	3	1	correct	2	correct	correct	correct	3	1	2	4	correct	3	correct	correct	3	4	2	correct	correct
KitAi	JA	1	37	correct	correct	correct	correct	correct	correct	correct	3	1	1	correct	correct	correct	correct	2	4	1	1	2	4	2	1	3
KitAi	JA	3	34	correct	correct	correct	correct	correct	correct	correct	3	1	1	correct	correct	correct	correct	2	4	1	1	2	4	2	1	3
SML	JA	2	32	correct	correct	2	correct	1	correct	correct	correct	correct	2	3	correct	3	correct	3	4	correct	1	2	3	correct	1	3
Forst	JA	3	29	correct	correct	2	3	3	3	2	2	correct	correct	3	1	2	2	correct	4	correct	4	2	3	2	3	1
# of runs pro	ducing the c	orrect answ	er	12	11	10	9	8	8	8	7	7	7	6	6	6	6	5	5	5	5	5	5	5	5	4
correct rate (	(%)			100.0	91.7	83.3	75.0	66.7	66.7	66.7	58.3	58.3	58.3	50.0	50.0	50.0	50.0	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	33.3
score allocate	ed to the ans	swer		3	2	3	2	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
correct answ	er			3	2	3	1	4	4	4	4	3	3	1	4	1	1	5	1	3	2	1	1	4	2	4
		PRIORIT	TOTAL																							
TEAM_ID	LANG	Y	SCORE	A18	A22	A26	A29	A39	A02	A04	A09	A33	A37	A41	A10	A17	A27	A38	A44	A08	A23	A01	A07	A20	A32	
TEAM_ID NUL	LANG JA	Y 1		A18 correct	A22 correct	A26	A29 correct	A39	A02	A04 correct	A09 correct	A33 correct	A37 correct	A41 correct	A10	A17	A27 correct	A38 2	A44	A08	A23	A01	A07	A20	A32	
_		Y 1 2	SCORE			A26		A39 1 1								A17 1 1			A44 1 1	A08 1 1		A01 1 1			A32 1 1	
NUL	JA	Y 1	SCORE 77	correct	correct	1	correct	1	4	correct	correct	correct	correct	correct	4	1	correct	2	1 1 1	1	1	1	2	1	1 1 1	
NUL NUL	JA JA	Y 1 2	77 76	correct	correct	1	correct	1	4 4	correct	correct	correct	correct	correct	4	1 1	correct	2 correct	1 1 1 1 3	1	1	1	2	1	A32 1 1 1 3	
NUL NUL NUL	JA JA JA	Y 1 2	77 76 76	correct	correct	1 1 1	correct correct	1 1 1	4 4	correct	correct	correct correct correct	correct correct 2	correct correct	4 4 4	1 1	correct correct	2 correct	1 1 1	1 1 1	1 1 1	1 1 1	2 2 2	1 1 1	A32 1 1 1 3 3	
NUL NUL NUL Forst	JA JA JA JA	Y 1 2 3 1	77 76 76 44	correct correct correct	correct correct correct	1 1 1 correct	correct correct correct	1 1 1 3	4 4 4 1	correct correct	correct correct	correct correct correct	correct correct 2 3	correct correct correct	4 4 4 correct	1 1 1 2	correct correct 3	2 correct correct 4	1 1 1 3	1 1 1 correct	1 1 1 4	1 1 1 3	2 2 2 3	1 1 1 3	1 1 1 3	
NUL NUL NUL Forst SML	JA JA JA JA JA	Y 1 2 3 1	77 76 76 44 42	correct correct correct 1	correct correct 3 3 6	1 1 1 correct	correct correct correct 3	1 1 1 3 3 correct	4 4 4 1 correct	correct correct 1 2	correct correct correct 2	correct correct 3 3 3 3	correct 2 3 correct	correct correct correct 2	4 4 4 correct	1 1 1 2	correct 3 3 3	2 correct correct 4	1 1 1 3 3	1 1 1 correct	1 1 1 4 1	1 1 1 3 3	2 2 2 3 3	1 1 1 3 3	1 1 1 3	
NUL NUL NUL Forst SML KitAi SML Forst	JA JA JA JA JA JA	Y 1 2 3 1 1 2	77 76 76 76 44 42 40	correct correct 1 1 1	correct correct 3 3 6	1 1 1 correct correct	correct correct 3 1	1 1 1 3 3 correct	4 4 4 1 correct	correct correct 1 2 2	correct correct 2 1 4	correct correct 3 3 3	correct 2 3 correct 2	correct correct 2 1 3	4 4 4 correct	1 1 1 2 1	correct 3 3 3 4	2 correct correct 4 1	1 1 1 3 3	1 1 1 correct 1	1 1 1 4 1	1 1 1 3 3	2 2 2 3 3 4	1 1 1 3 3	1 1 1 3 3 1	
NUL NUL Forst SMI KitAi SML Forst KitAi	JA JA JA JA JA JA	Y 1 2 3 1 1 1 2 3 3	77 76 76 76 44 42 40 38	correct correct 1 1 1 3	correct correct 3 3 6	1 1 1 correct correct	correct correct 3 1 1 4	1 1 1 3 3 correct	4 4 4 1 correct	correct correct 1 2 2 2	correct correct 2 1 4	correct correct 3 3 3 3	correct 2 3 correct 2 3	correct correct 2 1 3	4 4 4 correct	1 1 1 2 1	correct     3   3   3   4   1	2 correct correct 4 1	1 1 1 3 3 1 3	1 1 1 correct 1 1	1 1 1 4 1 1	1 1 1 3 3 1 3	2 2 2 3 3 4 3	1 1 1 3 3 1 1 3	1 1 1 3 3 1 1 3	
NUL NUL NUL Forst SML KitAi SML Forst	JA	Y 1 2 3 1 1 2 3 2 2	77 76 76 44 42 40 38 38	correct correct 1 1 1 3 3	correct correct 3 3 6 3 N/A	1 1 1 correct correct 1 correct 2	correct correct 3 1 1 4 correct	1 1 1 3 3 correct 3 N/A	4 4 4 1 correct correct 4	correct correct 1 2 2 2 4	correct correct 2 1 4 1 1	correct correct 3 3 3 3 N/A	correct 2 3 correct 2 3 4	correct correct 2 1 3 1 2	4 4 4 correct correct 1	1 1 1 2 1 1 correct	correct     3   3   3   4   1   1   1	2 correct correct 4 1	1 1 1 3 3 1 3 correct	1 1 1 correct 1 1 1 3	1 1 1 4 1 1 1 correct	1 1 1 3 3 1 3 2	2 2 2 3 3 4 3 2	1 1 1 3 3 1 3 2	1 1 1 3 3 1 1 3	
NUL NUL Forst SMI KitAi SML Forst KitAi	JA JA JA JA JA JA JA JA JA	Y 1 2 3 1 1 2 3 2 1 1	77 76 76 44 42 40 38 38 37	correct correct 1 1 1 3 3 1	correct correct 3 3 6 3 N/A 6	1 1 1 correct correct 1 correct 2 1	correct correct 3 1 1 4 correct	1 1 1 3 3 correct 3 N/A correct	4 4 4 1 correct correct 4	correct correct 1 2 2 2 4 2	correct correct 2 1 4 1 1 2	correct correct 3 3 3 N/A 3	correct   2   3   correct   2   3   correct   2   3   4   4   4	correct correct 2 1 3 1 2 3	4 4 4 correct correct 4 1 1	1 1 2 1 1 correct	correct	2 correct correct 4 1	1 1 3 3 1 3 correct	1 1 1 correct 1 1 1 3	1 1 4 1 1 1 1 correct	1 1 1 3 3 1 3 2	2 2 2 3 3 4 3 2 4	1 1 1 3 3 1 3 2 1 1 3 2	1 1 1 3 3 1 1 3	
NUL NUL NUL Forst SML KitAi SML Forst KitAi	JA J	Y 1 2 3 1 1 2 3 2 1 1	77 76 76 44 42 40 38 38 37	correct correct 1 1 1 3 3 1 1 1	correct correct 3 3 6 3 N/A 6	1 1 1 correct correct 1 correct 2 1 1	correct correct 3 1 1 4 correct 1	1 1 1 3 3 correct 3 N/A correct	4 4 4 1 correct correct 4 1 correct	correct correct 1 2 2 2 4 2	correct correct 2 1 4 1 1 2 2 2	correct correct 3 3 3 3 N/A 3 3	correct   2   3   correct   2   3   correct   2   3   4   4   4   4   4   4	correct correct 2 1 3 1 2 3	4 4 4 correct correct 4 1 1 4 4	1 1 2 1 1 correct	correct	2 correct correct 4 1	1 1 3 3 1 3 correct 1	1 1 1 correct 1 1 1 3	1 1 4 1 1 1 1 correct	1 1 1 3 3 3 1 3 2 1	2 2 2 3 3 4 3 2 4	1 1 1 3 3 1 3 1 3 2 1	1 1 1 3 3 1 1 3	
NUL NUL NUL Forst SML KitAi SML Forst KitAi SML Forst KitAi KitAi	JA J	Y 1 2 3 1 1 1 2 2 3 3 2 1 1 3 2 2 3 3	77 76 76 44 42 40 38 37 34 32	correct correct 1 1 1 3 3 1 1 1 3 correct	correct correct 3 3 6 3 N/A 6 6 3 correct 4	1 1 1 1 correct 2 1 1 correct 2 2 1 1 correct	correct correct 3 1 1 4 correct 1 1 1 3 4	1 1 3 3 correct 3 N/A correct 3 correct 4	4 4 4 1 1 correct correct 4 1 correct 1 4 4 4 4	correct correct 1 2 2 2 4 2 2 2 4 2 2 3	correct correct 2 1 4 1 2 2 2 2 2 2 3	correct correct 3 3 3 3 N/A 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	correct	correct correct 2 1 3 1 2 3 3 1 2 3 3 3 3 3 3	4 4 4 correct correct 4 1 1 4 4 4 4 2	1 1 2 1 2 1 1 correct 1 1 1 1 correct	correct correct 3 3 4 1 1 4 4 4 3 4	2 correct 4 1 1 4 1 1 1 1 2	1 1 1 3 3 3 1 3 correct 1 1 3 correct	1 1 1 correct 1 1 1 3 1 1	1 1 1 4 1 1 1 correct 1 1	1 1 1 3 3 3 1 3 2 1 1 1 3	2 2 2 3 3 4 3 2 4 4 4 4 4 3	1 1 1 3 3 1 3 2 1 1 3 2	1 1 1 3 3 1 3 2 1 1 1 3	
NUL NUL NUL Forst SML KitAi SML Forst KitAi KitAi SML Forst KitAi Forst	JA J	Y 1 2 3 1 1 1 2 2 3 3 2 1 1 3 2 2 3 3	77 76 76 44 42 40 38 37 34 32	correct   correct   1   1   1   3   3   3   1   1   1   3   3	correct correct 3 3 6 3 N/A 6 6 3	1 1 1 correct 1 correct 2 1 1 correct	correct correct 3 1 1 4 correct 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 3 3 correct 3 N/A correct correct	4 4 4 1 1 correct correct 4 1 correct 1	correct correct 1 2 2 2 4 2 2 4 2 2	Correct	correct correct 3 3 3 3 N/A 3 3 3 N/A 3 3	correct   2   3   correct   2   3   4   4   4   4   2	correct correct 2 1 3 1 2 3 1 1 2 1 1 1 1 1 1 1 1 1 1 1	4 4 4 correct correct 4 1 1 4 4	1 1 1 2 1 1 correct 1 1 1	correct   3   3   3   4   1   1   4   4   4   3   3	2 correct 4 1 1 4 1 1 1 1 1	1 1 1 3 3 1 3 correct 1 1 3	1 1 1 correct 1 1 1 3 1 1	1 1 1 4 1 1 1 correct 1 1	1 1 1 3 3 3 1 3 2 1 1 1 3	2 2 2 3 3 4 3 2 4 4 4 4 4 3	1 1 1 3 3 3 1 3 2 1 1 3 2 1 1 3 2	1 1 1 3 3 3 1 3 2 1 1 1 3 2	
NUL NUL NUL Forst SML KitAi SML Forst KitAi KitAi Forst KitAi Forst KitAi	JA J	Y 1 2 3 3 1 1 2 2 3 3 2 1 1 3 3 2 2 3 3 correct answer	77 76 76 44 42 40 38 37 34 32	correct correct 1 1 1 3 3 1 1 1 3 correct	correct correct 3 3 6 3 N/A 6 6 3 correct 4	1 1 1 1 correct 2 1 1 correct 2 2 1 1 correct	correct correct 3 1 1 4 correct 1 1 1 3 4	1 1 3 3 correct 3 N/A correct 3 correct 4	4 4 4 1 1 correct correct 4 1 correct 1 4 4 4 4	correct correct 1 2 2 2 4 2 2 2 4 2 2 3	correct correct 2 1 4 1 2 2 2 2 2 2 3	correct correct 3 3 3 3 N/A 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	correct	correct correct 2 1 3 1 2 3 3 1 2 3 3 3 3 3 3	4 4 4 correct correct 4 1 1 4 4 4 4 2	1 1 2 1 1 correct 1 1 1 1 correct	correct correct 3 3 4 1 1 4 4 4 3 4	2 correct 4 1 1 4 1 1 1 1 2	1 1 1 3 3 3 1 3 correct 1 1 3 correct	1 1 1 correct 1 1 1 3 1 1 1 1 3	1 1 1 4 1 1 1 correct 1 1 1 3	1 1 1 3 3 3 1 3 2 1 1 1 3 2 0	2 2 2 3 3 4 3 2 4 4 4 3 2 0	1 1 1 3 3 3 1 3 2 1 1 3 2 1 1 3 2	1 1 1 3 3 3 1 3 2 1 1 1 3 2	
NUL NUL NUL Forst SMI KitAi SML Forst KitAi KitAi SML Forst # of runs pro- correct rate (	JA J	Y 1 2 3 3 1 1 2 2 3 3 2 1 1 3 3 2 2 3 3 correct answer	77 76 76 44 42 40 38 37 34 32	correct correct 1 1 1 3 3 1 1 1 3 correct	correct correct 3 3 6 3 N/A 6 6 3 correct 4	1 1 1 1 correct 2 1 1 correct 2 2 1 1 correct	correct correct 3 1 1 4 correct 1 1 1 3 4	1 1 3 3 correct 3 N/A correct 3 correct 4	4 4 4 1 1 correct correct 4 1 correct 1 4 4 4 4	correct correct 1 2 2 2 4 2 2 2 4 2 2 3	correct correct 2 1 4 1 2 2 2 2 2 2 3	correct correct 3 3 3 3 N/A 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	correct	correct correct 2 1 3 1 2 3 3 1 2 3 3 3 3 3 3	4 4 4 correct correct 4 1 1 4 4 4 4 2	1 1 2 1 2 1 1 correct 1 1 1 1 correct	correct correct 3 3 4 1 1 4 4 4 3 4	2 correct 4 1 1 4 1 1 1 1 2	1 1 1 3 3 3 1 3 correct 1 1 3 correct	1 1 1 correct 1 1 1 3 1 1 1 1 3	1 1 1 4 1 1 1 correct 1 1 1 3	1 1 1 3 3 3 1 3 2 1 1 1 3 2 0	2 2 2 3 3 4 3 2 4 4 4 3 2 0	1 1 1 3 3 3 1 3 2 1 1 3 2 1 1 3 2	1 1 1 3 3 3 1 3 2 1 1 1 3 2	

				Tabl	le <b>2</b> 5:	Deta	ail re	sults	of Y	ozem	i mod	ck ex	am (:	2013-	4) in	Phas	se-3				
TEAM_ID	LANG	PRIORIT Y	TOTAL SCORE	A06	A31	A04	A01	A11	A20	A29	A07	A09	A17	A21	A24	A28	A02	A03	A05	A08	A12
Forst	JA	2	51	correct	correct	correct	correct	correct	2	correct	3	1	1	correct	N/A	correct	correct	3	correct	correct	N/A
SML	JA	1	39	correct	correct	correct	2	correct	correct	correct	4	2	4	correct	3	correct	correct	4	correct	1	3
KitAi	JA	2	39	correct	correct	correct	correct	correct	correct	4	correct	correct	correct	1	correct	2	1	4	correct	1	correct
KitAi	JA	1	38	correct	correct	correct	correct	correct	correct	4	correct	correct	correct	1	correct	2	1	correct	3	1	correct
KitAi	JA	3	38	correct	correct	correct	correct	correct	correct	4	correct	correct	correct	1	correct	2	1	correct	3	1	correct
Forst	JA	3	28	4	2	4	1	3	3	correct	3	correct	1	2	correct	1	correct	correct	1	correct	1
SML	JA	2	26	correct	correct	1	1	4	2	correct	2	3	correct	correct	3	correct	4	4	1	1	3
Forst	JA	1	26	correct	correct	correct	correct	4	3	correct	correct	3	1	1	3	2	3	3	3	correct	3
SML	JA	3	23	correct	correct	4	1	4	correct	2	4	3	4	correct	3	correct	4	1	2	1	3
# of runs prod		orrect answe	ſ	8	8	6	5	5	5	5	4	4	4	4	4	4	3	3	3	3	3
correct rate (9				88.9	88.9	66.7	55.6	55.6	55.6	55.6	44.4	44.4	44.4	44.4	44.4	44.4	33.3	33.3	33.3	33.3	33.3
score allocate		wer		3	3	3	3	2	3	2	3	2	3	3	2	3	3	2	3	3	3
correct answe	r			1	3	3	3	1	1	3	1	4	2	4	2	4	2	2	4	2	4
TEAM_ID	LANG	PRIORIT Y	TOTAL SCORE	A15	A18	A27	A30	A32	A10	A14	A22	A25	A26	A36	A19	A33	A34	A13	A16	A23	A35
Forst	JA	2	51	3	2	4	correct	3	correct	4	correct	1	3	correct	correct	correct	correct	2	3	1	1
SML	JA	1	39	correct	3	correct	correct	3	2	3	3	correct	2	3	3	4	2	2	2	2	1
KitAi	JA	2	39	4	correct	4	2	correct	1	1	1	4	3	1	1	4	2	2	1	1	1
KitAi	JA	1	38	4	correct	4	2	correct	1	1	1	4	3	1	1	4	3	2	1	1	1
KitAi	JA	3	38	4	correct	4	2	correct	1	1	1	4	3	1	1	4	3	2	1	1	1
							correct	4	correct	4	correct	1	3	correct	1	2	4	2	2	1	1
Forst	JA	3	28	4	2	correct						-									_
Forst SML	JA	3 2	26	4 correct	3	4	2	4	1	correct	3	2	correct	3	1	3	4	1	2	4	4
Forst SML Forst	JA JA	2	26 26	correct	3	4 3	2	4	1	3	3	2 correct	2	3	2	2	4 2	2	2	4	4
Forst SML Forst SML	JA JA JA	2 1 3	26 26 23	correct	3	4	2 1 2	4	1 1 1					3	2 3	_		2		4	
Forst SML Forst SML # of runs prod	JA JA JA ucing the c	2 1 3	26 26 23	correct correct 2	3 3 3	4 3 correct	2 1 2	4 4 3	1 1 1	3 correct	3 3 2	correct 1	2 correct	3 3	3	2 2	2 4	3 0	2 2	4 4 0	4 4 0
Forst SML Forst SML # of runs prod correct rate (%)	JA JA JA ucing the c	2 1 3 orrect answe	26 26 23	correct	3 3 3 3 33.3	4 3	2 1 2 3 33.3	4	1 1 1 2 22.2	3	3	2 22.2	2	3		2		2	2	4 4 0 0.0	
Forst SML Forst SML # of runs prod	JA JA JA ucing the c	2 1 3 orrect answe	26 26 23	correct correct 2	3 3 3	4 3 correct	2 1 2	4 4 3	1 1 1	3 correct	3 3 2	correct 1	2 correct	3 3	3	2 2	2 4	3 0	2 2	4 4 0	4 4 0

COITECT MISW	CI			1				,	,	-		,		-	,		•	7	7	,	-
				Tab	le 26:	Det	ail re	sults	of Y	ozem	i mo	ck ex	am (:	2014-	1) in	Pha	se-3				
TEAM_ID	LANG	PRIORIT Y	TOTAL SCORE	A01	A23	A20	A30	A32	A06	A17	A29	A34	A03	A07	A13	A14	A15	A05	A08	A09	A16
SML	JA	2	46	correct	4	4	1	correct	4	3	correct	correct	1	correct	correct	correct	correct	1	correct	2	correct
Forst	JA	1	46	correct	correct	2	correct	2	3	3	correct	3	3	correct							
SML	JA	3	44	correct	correct	4	correct	correct	4	3	correct	2	correct	correct	correct	correct	correct	1	2	2	correct
SML	JA	1	34	correct	1	correct	1	correct	correct	correct	correct	2	correct	correct	correct	correct	1	4	4	2	2
Forst	JA	2	31	correct	correct	correct	1	3	3	correct	2	3	correct	3	2	2	correct	4	4	4	3
KitAi	JA	2	30	correct	1	correct	2	1	4	1	1	correct	2	correct	4						
KitAi	JA	3	30	correct	1	correct	2	1	4	1	1	correct	2	correct	4						
Forst	JA	3	29	correct	correct	correct	correct	3	correct	3	correct	correct	correct	3	2	2	4	4	correct	4	3
KitAi	JA	4	24	correct	1	correct	2	1	4	1	1	2	2	3	4						
# of runs pro		orrect answe	er	9	7	6	6	6	5	5	5	5	4	4	4	4	4	3	3	3	3
correct rate (				100.0	77.8	66.7	66.7	66.7	55.6	55.6	55.6	55.6	44.4	44.4	44.4	44.4	44.4	33.3	33.3	33.3	33.3
score allocate	ed to the an	swer		3	3	3	3	3	3	3	3		2	3	2	3	3	3	2	3	3
correct answ	er			3	3	1	2	1	1	2	3	4	4	4	3	3	2	3	3	1	1
TEAM_ID	LANG	PRIORIT Y	TOTAL SCORE	A22	A26	A31	A35	A11	A12	A24	A25	A02	A10	A18	A21	A27	A36	A04	A19	A28	A33
SML	JA	2	46	correct	correct	1	correct	correct	correct	correct	3	1	1	4	4	correct	4	3	1	3	4
Forst	JA	1	46	3	correct	correct	3	3	3	4	3	2	correct	correct	3	4	4	3	1	3	4
SML	JA	3	44	correct	correct	4	1	correct	correct	correct	3	1	1	4	4	3	4	3	1	3	4
SML	JA	1	34	3	2	correct	1	2	4	1	correct	2	1	2	4	3	correct	3	2	3	1
Forst	JA	2	31	correct	2	correct	correct	2	3	3	correct	correct	2	2	4	4	2	2	2	5	1
KitAi	JA	2	30	1	1	1	1	1	4	1	5	3	1	1	3	3	1	1	1	3	1
KitAi	JA	3	30	1	1	1	1	4	4	1	5	3	1	1	3	3	1	1	1	3	1
Forst	JA	3	29	1	3	4	correct	1	4	3	3	2	2	2	correct	1	4	2	3	6	1
KitAi	JA	4	24	1	1	4	1	1	4	1	5	3	1	1	3	3	1	1	1	3	1
# of runs pro		correct answe	er	3	3	3	3	2	2	2	2	1	1	1	1	1	1	0	0	0	0
correct rate (				33.3	33.3	33.3	33.3	22.2	22.2	22.2	22.2	11.1	11.1	11.1	11.1	11.1	11.1	0.0	0.0	0.0	0.0
score allocate	ed to the an	swer		3	3	3	2	2	3	2	3	3	3	3	2	3	3	3	3	2	3
correct answ	er			4	4	2	2	4	2	2	6	4	4	3	2	2	3	4	5	4	2

Table 27: Detail results of free description questions in Phase-3

	. т	Detail results of free desi					crip	UIOI																	
The University of Tokyo							Hokkaido University						Waseda University				ity					Sundai			
Forst_01 Forst_02 Forst_03 SML_01	For	st_01	Forst_02 Forst_03	SML01		Forst_01 Fors	t_02 Forst	03 SML_01		Forst_01	Forst_02	Forst_03	SML_01		Forst_01	Forst_02	Forst_03	SML_01		Forst_01	Forst_02	Forst_03	SML_01	SML_02	SML_03
7 Incorrect Incorrect Incorrect N/A	2 inco	rrect	incorrect incorrect	N/A	1	correct cor	ect come	ct N/A	1	N/A	correct	N/A	N/A	1	correct	correct	correct	N/A	6	incorrect	correct	incorrect	correct	correct	correct
8 incorrect incorrect incorrect incorrect	3 inco	rrect	incorrect incorrect	N/A	2	incorrect inco	rect incom	ect N/A	2	N/A	correct	N/A	N/A	2	incorrect	incorrect	income ct	N/A	7	correct	incorrect	correct	correct	correct	correct
9 incorrect incorrect incorrect incorrect			incorrect incorrect	N/A	3	incorrect inco	rect incom		3	N/A	incomect		N/A	3	correct		correct	N/A	8	incorrect	incorrect	incorrect	correct	correct	correct
10 incorrect incorrect incorrect incorrect	5 inco	rrect	correct incorrect	N/A	4	incorrect inco	rect incom	ect N/A	4	N/A	incorrect		N/A	4	incorrect	N/A	income ct	N/A	9	correct	incorrect	correct	correct	correct	correct
11 incorrect incorrect incorrect correct	6 co		incorrect correct	N/A	5	incorrect cor		ect incorrec		N/A	correct	N/A	N/A	5	correct	N/A	correct	N/A	10	incorrect	incorrect	incorrect		correct	correct
12 incorrect incorrect incorrect incorrect			incorrect correct	N/A	- 6	incorrect inco				N/A	correct	N/A	N/A	- 6	correct	N/A	correct	N/A	11	correct	correct				
13 incorrect incorrect incorrect	8 inco	rrect	incorrect incorrect	N/A	7		rect incom	ect incorrec	t 7	N/A	incorrect		N/A	7	correct	incorrect	correct	N/A	12	incorrect	incorrect	incorrect	correct	correct	correct
14 correct incorrect correct N/A		rect	correct correct	N/A	8		rect come			N/A	correct	N/A	N/A	8	incorrect	N/A	income ct	N/A	13	incorrect	incorrect	incorrect		incorrect	incorrect
15 incorrect incorrect incorrect incorrect			incorrect incorrect	N/A	9			ect incorrec		N/A	incomect		N/A	9			incomect	N/A	14	correct	correct		correct		correct
16 N/A N/A N/A N/A			incorrect incorrect	N/A	11	incorrect cor				N/A	N/A	N/A	N/A	10	incorrect	incorrect		N/A	15	correct	incorrect	correct	incorrect	incomect	incomect
17 incorrect correct incorrect incorrect			correct incorrect	N/A	12	incorrect inco				incorrect			N/A	11	incorrect		income ct		# of correc	t answers					
18 incorrect incorrect incorrect correct			incorrect incorrect	N/A	13		ect come				income ct		N/A	12	correct	correct		correct		- 5	3	5	7	7	7
# of correct answers			incorrect incorrect	N/A	14	incorrect cor				N/A	incorrect		N/A	13			incorrect		# of incom	ect answen					
1 1 1 2			incorrect incorrect	N/A	17		rect come			N/A	N/A	N/A	N/A	14		income ct	correct	correct		- 5		51	3	31	3
# of incorrect answers			incorrect incorrect	N/A	20			ct incorrec		N/A	income ct		N/A	15				incorrect	# of N/A						
10 10 7			incorrect incorrect	N/A	23		rect incom			N/A	N/A	N/A	N/A	16	incorrect			incomect		- 0	0	0	- 0	0	- 0
# of N/A			correct correct	N/A	24			ect incorrec		N/A	correct	N/A	N/A	17	incorrect										
1 1 1 3			incorrect correct	N/A	25	incorrect inco				N/A	N/A	N/A	N/A	18	correct	correct		incorrect							
			incorrect correct	N/A N/A	26 27	incorrect inco				N/A N/A	correct	N/A N/A	N/A N/A	19	incorrect										
			incorrect incorrect				rect incom				correct		N/A		correct	correct		incorrect							
			correct incorrect	N/A N/A	29		rect incom		21 22	N/A N/A	incorrect		N/A	21	incorrect incorrect										
			incorrect correct	N/A	31		rect incom						correct	23				incorrect							
			incorrect correct	N/A	32				23	correct	correct			24				incorrect							
				N/A			rect come			correct	correct	correct	correct		incorrect	incorrect									
			incorrect incorrect	N/A	33	incorrect inco	rect incom		25 26	N/A	incorrect N/A	N/A	N/A	25 26	incorrect			incorrect N/A							
			incorrect incorrect	N/A	35	correct cor				N/A	correct	N/A	N/A	27	correct	incorrect		N/A							
			incorrect incorrect	N/A	38	incorrect cor				N/A	correct	N/A	N/A	28	incorrect			N/A							
			correct incorrect	N/A	39		rect come			N/A	correct	N/A	N/A	29	correct	N/A	correct	N/A							
			correct correct	N/A	41		rect come			N/A	correct	N/A	N/A	30			incorrect	N/A							
		rect	correct correct	N/A	42			ct incomed		N/A	correct	N/A	N/A	31	correct	correct	correct	N/A							
			incorrect incorrect	N/A		ct answers	ect I come	or Thisoner	32	N/A	N/A	N/A	N/A	32	incorrect			N/A							
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			incorrect incorrect	N/A	# of N/A				36	incorrect			N/A	36	incorrect			N/A							
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			incorrect N/A	N/A					38	incorrect			incorrect		correct	correct	correct	N/A							
			incorrect incorrect	N/A					39		incorrect		incorrect		incorrect			N/A							
			incorrect incorrect	N/A					40		incorrect		incorrect		incorrect			N/A							
			incorrect incorrect	N/A					41	N/A	N/A	N/A	N/A	41			correct	incorrect							
	45 inco	rrect	incorrect incorrect	N/A					42	N/A	correct	N/A	N/A	42	correct	N/A	correct	correct							
			incorrect incorrect	N/A					43	N/A	incorrect	N/A	N/A	43	incorrect	incorrect	incomect	incorrect							
			correct incorrect	N/A					44	N/A	correct	N/A	N/A	44	correct	correct	correct	correct							
		rrect	correct incorrect	N/A					45	N/A	correct	N/A	N/A	45	incorrect	correct	incomect	incorrect							
			incorrect incorrect	N/A					46	N/A	income ct		N/A	46	correct	incorrect		incorrect							
			incorrect incorrect	N/A					47	N/A	incomect		N/A	47	incorrect		incomect	correct							
		rrect	incorrect incorrect	N/A					48	N/A	N/A	N/A	N/A	48	incorrect		income ct	correct							
			incorrect incorrect	N/A					49	N/A	correct	N/A	N/A	49	incorrect										
			incorrect incorrect	N/A					50	N/A	correct	N/A	N/A	50		incorrect	correct	income ct							
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			incorrect incorrect	N/A					_	1 5	21	5	1 8	4	20	12	20	8							
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