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.
4. Encourage the investigation on each question types, including complex essay, simple essay, factoid, slot-filling, 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

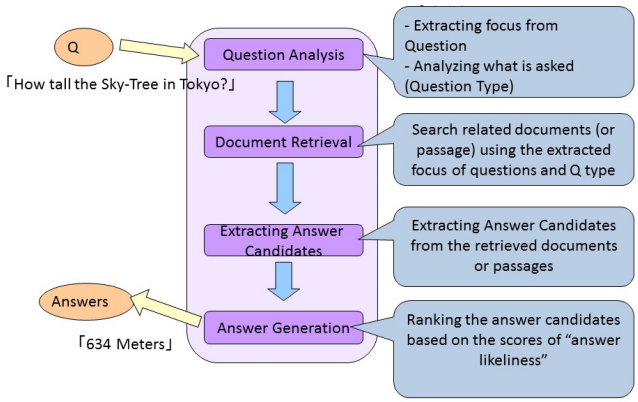

Figure 1: Module Structure of the original QA Platform

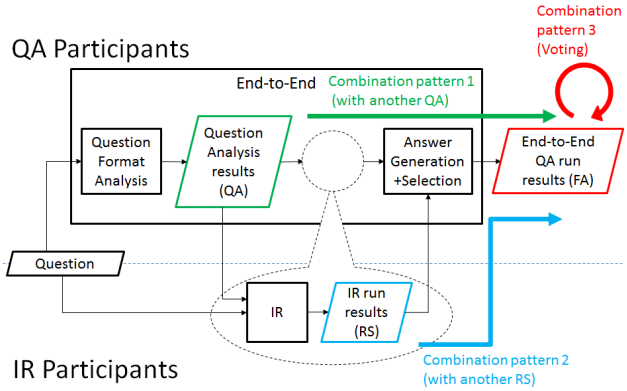

Figure 2: Three patterns of combination run

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	E
(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	T
(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
Unique Time Reordering	U-T-R
Unique What Time	U-T-W
(D3) Unique Mixed	U-M
(D4) Unique Other	U-O

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 2005,2007,2009	1999	N/A	2011
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

* 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-to-date version).
  - Solr Instance with Indexed Wikipedia Subset (available in English)[1]
  - NTCIR-11 QA Lab Japanese subtask: Wikipedia Data Set[2]
- World history ontology, available in Japanese.[3]

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)[4]
- 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][5]
- Scorer and Format Checker for National Center Test[6]
- Passage Retrieval Engine passache[7]

4. PARTICIPATION

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

5. SUBMISSIONS

[1]https://github.com/oaqa/ntcir-qalab-cmu-baseline/wiki/Solr-Instance-with-Indexed-Wikipedia-Subset
[2]http://warehouse.ntcir.nii.ac.jp/openaccess/qalab/11QALab-ja-wikipediadata.html
[3]http://researchmap.jp/zoeai/event-ontology-EVT/
[4]https://github.com/oaqa/ntcir-qalab-cmu-baseline
[5]https://bitbucket.org/ntcirqalab/factoidqa-centerexam/
[6]https://bitbucket.org/ntcirqalab/qalabsimplescorer
[7]https://code.google.com/p/passache/

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

TeamID	Organization
ISOFT	Pohang University of Science and Technology (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 Technology

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

Table 6: The number of submitted run for Phase 1

Group ID	EN		JA				
	Center	2nd	Center	2nd	Mock Exams		
					Benesse	Yozemi	Sundai
CMUQA	3	-	-	-	-	-	-
imtku	3	3	-	-	-	-	-
ISOFT	2	-	-	-	-	-	-
Forest	-	-	2(4)	3	2(3)	2(3)	2
SML	-	-	3	2	3	3	2
KitAi	-	-	2	-	2	2	-
KSU	-	-	3	-	-	-	-
SLQAL	-	-	1	-	-	-	-
NUL	-	-	3	-	-	-	-

Table 7: The number of submitted run for Phase 2

TeamID	JA	
	Mock Exams	
	Benesse	Sundai
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 eaasy 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

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

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

* including manual intervention.

Table 11: Results of free description questions in Phase 1

			Essay				Others				
TeamID	Lang.	Priority	# of ques	# of N/A	ROUGE-1 score	ROUGE-2 score	# of ques	# of correct	# of incorrect	# of N/A	Correct 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

End-to-End Run									
TeamID	Lang.	Priority	# of ques	# of Correct	# of Incorrect	# of N/A	Correct rate	Total score	Average 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

Table 13: Results of free description questions in Phase 2

				Essay				Others				
TeamID	Lang.	Priority	Total score	# of ques	# of N/A	ROUGE-1 score	ROUGE-2 score	# of ques	# of correct	# of incorrect	# of N/A	Correct 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

* including manual intervention.

Table 14: Results of multiple choice questions in Phase 3

End-to-End Run									
TeamID	Lang.	Priority	# of ques	# of correct	# of incorrect	# of N/A	Correct rate	Total score	Average 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
Combination Run									
TeamID	Comb.	Priority	# of ques	# of correct	# of incorrect	# of N/A	Correct rate	Total score	Average score
IMTKU	KitAi	1	36	12	24	0	0.333	34	0.944

* including manual intervention.

Table 15: Results of free description questions in Phase 3

			Essay				Others				
TeamID	Lang.	Priority	# of ques	# of N/A	ROUGE-1 score	ROUGE-2 score	# of ques	# of Correct	# of Incorrect	# of N/A	Correct 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

Table 16: Detail results of Center Test in Phase-1

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A40	A07	A09	A19	A29	A05	A10	A11	A25	A28	A06	A38	A01	A17	A33	A34	A36	A41	A14	A18	A24
				True-or-False	True-or-False	Unique	True-or-False	Unique	Factoid	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False	Unique	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False
ISOFT	EN	1	71	correct	correct	correct	correct	correct	correct	correct	correct	correct	1	correct	correct	correct	1	correct	4	4	correct	correct	correct	correct
ISOFT	EN	2	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	1	33	correct	correct	correct	4	3	correct	correct	correct	correct	2	correct	2	2	2	1	correct	2	4	correct	3	correct
CMUQA	EN	3	32	correct	correct	2	correct	correct	correct	3	1	3	correct	3	correct	1	correct	correct	3	correct	correct	2	1	3
CMUQA	EN	BASELINE	32	2	1	correct	correct	correct	4	3	4	correct	4	2	3	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	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	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	JA	1	25	3	3	4	1	4	1	4	correct	1	correct	3	correct	correct	correct	4	1	2	4	correct	1	1
Forst	JA	2	22	N/A	correct	N/A	correct	N/A	4	4	correct	3	4	correct	N/A	2	4	N/A	4	correct	N/A	4	correct	3
Forst	JA(Comb)	SLQAL-1	18	3	3	2	1	4	1	4	correct	1	correct	3	correct	correct	2	4	1	2	4	correct	1	1
IMTKU	EN	3	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
# of runs producing the correct answer				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 allocated to the answer				2	3	3	2	2	3	3	2	2	2	3	2	3	2	2	2	2	3	2	3	3
correct answer				1	2	1	3	1	2	1	3	2	3	1	1	4	3	3	2	3	3	1	4	4

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A27	A02	A20	A16	A30	A03	A35	A04	A08	A21	A22	A31	A23	A26	A13	A32	A39	A12	A15	A37
				True-or-False	True-or-False	True-or-False	Factoid	True-or-False	True-or-False	Slot-Filling	Factoid	Unique	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False	Slot-Filling	Factoid	True-or-False	Geography	Geography	True-or-False
ISOFT	EN	1	71	correct	correct	correct	correct	4	correct	4	correct	correct	4	correct	correct	4	correct	N/A	correct	1	N/A	N/A	4
ISOFT	EN	2	68	correct	correct	correct	4	4	correct	4	correct	3	4	correct	correct	4	correct	N/A	correct	1	N/A	N/A	4
KSU	JA	2	48	correct	3	correct	4	correct	1	1	2	correct	1	correct	4	3	2	2	3	1	1	N/A	4
KSU	JA	1	47	correct	3	correct	4	correct	1	1	2	2	1	correct	4	3	correct	2	3	1	1	N/A	4
NUL	JA	2	46	4	2	3	correct	correct	correct	1	1	correct	3	3	1	correct	3	1	1	1	1	1	3
KSU	JA	3	46	correct	3	correct	4	correct	1	1	2	correct	1	correct	4	3	2	2	3	1	1	N/A	4
NUL	JA	1	43	1	1	3	3	correct	2	1	correct	1	3	3	correct	correct	correct	1	3	1	1	1	4
SML	JA	2	38	1	correct	correct	correct	3	1	2	2	1	1	1	1	2	2	3	3	2	3	1	1
NUL	JA	3	36	4	correct	3	3	correct	2	1	correct	1	3	3	1	4	3	1	2	2	1	1	4
SML	JA	3	36	1	correct	correct	correct	3	1	2	2	1	1	1	1	2	2	3	3	2	3	1	1
SML	JA	1	33	1	correct	3	correct	3	1	2	2	1	1	1	1	3	2	3	3	2	3	1	1
CMUQA	EN	3	32	2	1	correct	4	3	2	correct	correct	2	4	1	2	2	3	1	2	1	1	1	1
CMUQA	EN	BASELINE	32	2	3	correct	4	4	1	correct	1	1	correct	1	4	4	3	2	3	correct	1	1	1
Forst	JA(Comb)	KitAi-2	32	correct	3	4	4	3	1	1	2	1	1	3	correct	2	2	1	2	1	1	3	1
Forst	JA	1	31	correct	3	4	correct	3	1	correct	2	1	1	3	correct	2	2	3	2	1	1	3	1
Forst	JA(Comb)	KitAi-1	31	correct	1	4	correct	1	1	correct	1	1	correct	1	1	2	4	3	2	2	1	3	1
IMTKU	EN	1	31	correct	correct	4	N/A	correct	correct	N/A	2	N/A	1	1	4	2	3	N/A	1	correct	N/A	N/A	1
CMUQA	EN	2	30	2	1	1	4	3	1	correct	4	2	4	1	2	2	3	correct	2	1	1	1	1
CMUQA	EN	1	29	2	2	1	3	3	2	correct	1	correct	correct	3	2	2	3	3	1	correct	1	1	1
KitAi	JA	1	29	2	1	4	4	1	1	1	1	1	correct	1	1	2	4	1	1	2	1	1	1
KitAi	JA	2	29	2	1	4	4	1	1	1	1	1	correct	1	1	2	2	1	1	2	1	1	1
IMTKU	EN	2	27	correct	correct	1	N/A	correct	correct	N/A	2	N/A	1	1	4	2	3	N/A	1	1	N/A	N/A	4
Forst	JA(Comb)	KitAi-3	26	4	3	3	4	3	correct	1	4	1	4	2	4	2	3	1	N/A	N/A	N/A	N/A	4
SLQAL	JA	1	25	1	correct	1	4	1	2	4	4	1	1	3	2	correct	4	correct	correct	1	correct	N/A	1
Forst	JA	2	22	4	3	3	correct	3	correct	correct	4	N/A	4	2	4	2	3	3	N/A	N/A	N/A	N/A	4
Forst	JA(Comb)	SLQAL-1	18	1	3	1	4	1	2	4	4	1	1	3	2	correct	4	correct	2	1	correct	3	1
IMTKU	EN	3	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
# of runs producing the correct answer				10	9	9	8	8	7	7	5	5	5	5	5	4	4	3	3	3	2	0	0
correct rate (%)				37.0	33.3	33.3	29.6	29.6	25.9	25.9	18.5	18.5	18.5	18.5	18.5	14.8	14.8	11.1	11.1	11.1	7.4	0.0	0.0
score allocated to the answer				3	3	2	2	3	3	2	3	3	2	2	3	2	2	2	2	2	3	3	2
correct answer				3	4	2	1	2	4	3	3	4	2	4	3	1	1	4	4	4	4	4	2

Table 17: Detail results of Benesse mock exam in Phase-1

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A17	A28	A02	A26	A33	A04	A16	A29	A01	A03	A07	A09	A11	A22	A14	A30	A06	A19
				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(Combo)	True-or-False	Slot-Filling	True-or-False	True-or-False(Combo)	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 producing the correct answer				9	9	8	7	7	6	6	6	5	5	5	5	5	5	4	4	3	3
correct rate (%)				90	90	80	70	70	60	60	60	50	50	50	50	50	50	40	40	30	30
score allocated to the answer				3	2	2	3	3	2	3	3	3	3	3	3	3	3	2	3	3	3
correct answer				1	1	3	4	2	1	4	3	4	1	1	3	2	1	2	5	3	4

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A23	A32	A34	A10	A12	A20	A21	A25	A27	A36	A15	A05	A08	A13	A18	A24	A31	A35
				Factoid	True-or-False	True-or-False	Geography	True-or-False	True-or-False	Factoid	Time	True-or-False	True-or-False	True-or-False	Time	True-or-False	True-or-False	Unique	True-or-False(Combo)	True-or-False(Combo)	Geography
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 producing the correct answer				3	3	3	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0
correct rate (%)				30	30	30	20	20	20	20	20	20	20	10	0	0	0	0	0	0	0
score allocated to the answer				2	3	3	2	3	3	2	3	3	3	3	3	3	3	3	3	2	3
correct answer				2	3	3	1	1	3	1	6	4	2	2	5	1	3	2	2	3	2

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

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A16	A01	A22	A32	A33	A09	A12	A06	A25	A11	A35	A05	A04	A14	A17	A19	A23	A24
				True-or-False	Time	True-or-False	Slot-Filling	Factoid	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False	True-or-False(Combo)	Geography	Time	True-or-False	Time	True-or-False	Time	True-or-False(Combo)
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 producing the correct answer				7	6	6	6	6	5	5	4	4	3	3	2	2	2	2	2	2	2
correct rate (%)				70	60	60	60	60	50	50	40	40	30	30	20	20	20	20	20	20	20
score allocated to the answer				3	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	2	3
correct answer				1	3	3	2	3	3	4	2	2	3	1	1	2	1	4	4	5	1

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A27	A28	A30	A34	A36	A18	A02	A03	A07	A08	A10	A13	A15	A20	A21	A26	A29	A31
				True-or-False	Time	True-or-False	True-or-False	Slot-Filling	Slot-Filling	Slot-Filling	True-or-False	True-or-False(Combo)	True-or-False	True-or-False(Combo)	True-or-False(Combo)		True-or-False	True-or-False	True-or-False	True-or-False(Combo)	True-or-False
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 producing the correct answer				2	2	2	2	2	1	0	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	0
score allocated to the answer				3	2	3	3	3	3	3	3	2	3	3	3	2	3	3	3	2	3
correct answer				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

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A08	A16	A30	A29	A33	A36	A15	A05	A10	A26	A13	A20	A24	A35	A01	A11	A21	A22
				Slot-Filling	Factoid	Slot-Filling	Time	True-or-False	True-or-False(Combo)	Factoid	True-or-False	True-or-False	True-or-False	Slot-Filling	True-or-False	True-or-False	True-or-False	Factoid	True-or-False(Combo)	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 producing the correct answer				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 allocated to the answer				3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	3	3
correct answer				3	4	1	3	1	4	3	3	1	4	3	1	3	3	3	2	2	4

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A34	A02	A03	A07	A09	A19	A25	A04	A06	A12	A14	A17	A18	A23	A27	A28	A31	A32
				Factoid	True-or-False	True-or-False(Combo)	True-or-False	True-or-False	True-or-False	Geography	Time	True-or-False(Combo)	True-or-False	True-or-False	True-or-False(Combo)	Image	True-or-False(Combo)	Factoid	Geography	Unique	Time
Forst	JA	1	41	1	correct	3	3	3	4	3	3	2	3	3	1	3	4	1	3	3	3
Forst	JA(Comb)	KitAi-2	38	1	correct	3	3	3	4	3	3	2	3	3	1	1	4	1	3	1	3
SML	JA	1	37	correct	4	3	correct	2	correct	3	3	2	3	2	4	3	1	1	3	3	3
SML	JA	2	37	correct	4	3	correct	2	correct	3	3	2	3	2	4	3	1	1	3	3	3
SML	JA	3	37	correct	4	3	1	2	4	3	3	2	3	2	4	3	3	1	3	3	3
Forst	JA	2	32	N/A	3	3	4	correct	1	N/A	6	1	3	2	1	N/A	1	1	N/A	N/A	4
Forst	JA(Comb)	KitAi-1	32	1	3	correct	1	2	4	3	3	1	4	3	2	3	1	1	3	3	3
Forst	JA(Comb)	KitAi-3	32	1	3	3	4	correct	1	N/A	6	1	3	2	1	1	1	1	N/A	1	4
KitAi	JA	1	28	1	3	correct	1	2	4	correct	1	1	4	3	2	1	1	1	1	1	4
# of runs producing the correct answer				3	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0
correct rate (%)				33.3	22.2	22.2	22.2	22.2	22.2	11.1	0.0	0.0	0	0	0	0	0	0	0	0	0
score allocated to the answer				3	3	2	3	3	3	2	3	2	3	3	2	3	2	3	2	3	3
correct answer				2	1	1	2	4	3	1	2	4	2	4	3	2	2	4	4	2	5

Table 20: Detail results of free description questions in Phase-1

	The University of Tokyo						
	Forst_01	Forst_02	Forst_03	IMTKU_01	IMTKU_02	IMTKU_03	CTUSC_01
2	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
3	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
4	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
5	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
6	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
7	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
8	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
9	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
11	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
12	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
13	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
15	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
16	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
17	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
18	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
19	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
20	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
21	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
22	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
23	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
24	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
25	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
26	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
28	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
29	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
30	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
31	incorrect	incorrect	incorrect	N/A	N/A	N/A	incorrect
# of correct answers							
	0	0	0	0	0	0	0
# of incorrect answers							
	27	27	27	8	8	8	27
# of N/A							
	1	1	1	20	20	20	1

	Kyoto University			
	Forst_01	Forst_02	Forst_03	CTUSC_01
2	incorrect	incorrect	incorrect	N/A
3	incorrect	incorrect	incorrect	N/A
4	incorrect	incorrect	incorrect	N/A
5	incorrect	incorrect	incorrect	N/A
6	incorrect	incorrect	incorrect	N/A
7	incorrect	incorrect	incorrect	N/A
8	incorrect	incorrect	incorrect	N/A
9	incorrect	incorrect	incorrect	N/A
10	correct	correct	correct	N/A
11	correct	correct	correct	N/A
12	incorrect	incorrect	incorrect	N/A
13	incorrect	incorrect	incorrect	N/A
14	incorrect	incorrect	incorrect	incorrect
15	incorrect	incorrect	incorrect	incorrect
16	incorrect	incorrect	incorrect	incorrect
17	incorrect	incorrect	incorrect	incorrect
18	correct	correct	correct	incorrect
19	correct	correct	correct	incorrect
20	incorrect	incorrect	incorrect	incorrect
21	incorrect	incorrect	incorrect	correct
22	incorrect	incorrect	incorrect	incorrect
23	correct	correct	correct	incorrect
24	incorrect	incorrect	incorrect	incorrect
25	incorrect	incorrect	incorrect	incorrect
26	incorrect	incorrect	incorrect	incorrect
27	incorrect	incorrect	incorrect	incorrect
28	incorrect	incorrect	incorrect	incorrect
29	incorrect	incorrect	incorrect	incorrect
30	N/A	N/A	N/A	incorrect
31	N/A	N/A	N/A	N/A
33	N/A	N/A	N/A	N/A
34	N/A	N/A	N/A	N/A
35	incorrect	incorrect	incorrect	incorrect
36	N/A	N/A	N/A	incorrect
37	incorrect	incorrect	incorrect	incorrect
38	incorrect	incorrect	incorrect	incorrect
40	incorrect	incorrect	incorrect	incorrect
41	incorrect	incorrect	incorrect	incorrect
42	incorrect	incorrect	incorrect	incorrect
44	incorrect	incorrect	correct	incorrect
46	incorrect	incorrect	correct	incorrect
47	incorrect	incorrect	incorrect	incorrect
48	incorrect	incorrect	incorrect	incorrect
49	correct	correct	correct	incorrect
50	incorrect	incorrect	incorrect	incorrect
52	incorrect	incorrect	incorrect	incorrect
53	incorrect	incorrect	incorrect	incorrect
54	incorrect	incorrect	incorrect	incorrect
57	incorrect	incorrect	incorrect	incorrect
58	incorrect	incorrect	incorrect	incorrect
59	incorrect	incorrect	incorrect	incorrect
60	incorrect	incorrect	incorrect	incorrect
61	incorrect	incorrect	incorrect	incorrect
# of correct answers				
	1	6	6	1
# of incorrect answers				
	42	42	42	37
# of N/A				
	5	5	5	15

	Hokkaido University		
	Forst_01	Forst_02	CTUSC_01
1	incorrect	incorrect	incorrect
2	incorrect	incorrect	incorrect
3	incorrect	incorrect	incorrect
4	incorrect	incorrect	incorrect
5	incorrect	incorrect	incorrect
6	incorrect	incorrect	incorrect
7	incorrect	incorrect	incorrect
8	incorrect	incorrect	incorrect
9	incorrect	incorrect	incorrect
10	incorrect	incorrect	incorrect
11	incorrect	incorrect	incorrect
12	incorrect	incorrect	incorrect
13	correct	incorrect	incorrect
14	incorrect	incorrect	incorrect
15	incorrect	incorrect	incorrect
16	incorrect	incorrect	incorrect
17	incorrect	incorrect	incorrect
19	incorrect	incorrect	incorrect
20	incorrect	incorrect	incorrect
21	incorrect	incorrect	incorrect
22	incorrect	incorrect	incorrect
23	incorrect	incorrect	incorrect
24	incorrect	incorrect	incorrect
25	incorrect	incorrect	incorrect
26	incorrect	incorrect	incorrect
27	incorrect	incorrect	incorrect
28	incorrect	incorrect	incorrect
29	incorrect	incorrect	incorrect
30	incorrect	incorrect	incorrect
31	incorrect	incorrect	incorrect
33	incorrect	incorrect	incorrect
34	incorrect	incorrect	incorrect
35	incorrect	incorrect	incorrect
36	incorrect	incorrect	incorrect
37	incorrect	incorrect	incorrect
38	incorrect	incorrect	incorrect
39	incorrect	incorrect	incorrect
40	incorrect	incorrect	incorrect
41	incorrect	incorrect	incorrect
42	incorrect	incorrect	incorrect
43	incorrect	incorrect	incorrect
44	incorrect	incorrect	incorrect
45	incorrect	incorrect	incorrect
46	incorrect	incorrect	incorrect
47	incorrect	incorrect	incorrect
48	incorrect	incorrect	incorrect
49	incorrect	incorrect	incorrect
50	incorrect	incorrect	incorrect
# of correct answers			
	4	4	0
# of incorrect answers			
	28	28	27
# of N/A			
	0	0	1

	Waseda University		
	Forst_01	SML_01	CTUSC_01
1	N/A	N/A	N/A
2	N/A	N/A	N/A
3	incorrect	N/A	N/A
4	N/A	N/A	N/A
5	N/A	N/A	N/A
6	incorrect	N/A	N/A
7	N/A	N/A	N/A
8	N/A	N/A	N/A
9	N/A	N/A	N/A
10	N/A	N/A	N/A
11	incorrect	incorrect	incorrect
12	incorrect	incorrect	incorrect
13	correct	incorrect	incorrect
14	N/A	N/A	N/A
15	correct	N/A	N/A
16	incorrect	N/A	N/A
17	correct	N/A	N/A
18	N/A	N/A	N/A
19	N/A	N/A	N/A
20	N/A	N/A	N/A
21	N/A	N/A	N/A
22	N/A	N/A	N/A
23	incorrect	N/A	N/A
24	correct	N/A	N/A
25	correct	N/A	N/A
26	correct	N/A	N/A
27	incorrect	N/A	N/A
28	correct	N/A	N/A
29	N/A	N/A	N/A
30	incorrect	N/A	N/A
31	N/A	N/A	N/A
32	N/A	N/A	N/A
33	N/A	N/A	N/A
34	N/A	N/A	N/A
35	N/A	N/A	N/A
36	N/A	N/A	N/A
37	N/A	N/A	incorrect
38	N/A	N/A	incorrect
39	N/A	N/A	incorrect
40	N/A	N/A	incorrect
41	correct	N/A	N/A
42	N/A	N/A	N/A
43	incorrect	N/A	N/A
44	correct	N/A	N/A
45	correct	N/A	N/A
46	incorrect	N/A	N/A
47	N/A	N/A	N/A
48	incorrect	N/A	N/A
49	incorrect	N/A	N/A
50	incorrect	N/A	N/A
# of correct answers			
	10	0	0
# of incorrect answers			
	13	3	7
# of N/A			
	27	47	43

	Chuo University		
	Forst_01	SML_01	CTUSC_01
1	incorrect	N/A	N/A
2	incorrect	N/A	N/A
3	incorrect	N/A	N/A
4	correct	N/A	N/A
5	incorrect	N/A	N/A
6	incorrect	N/A	N/A
7	incorrect	N/A	N/A
8	incorrect	N/A	N/A
9	correct	N/A	N/A
10	incorrect	N/A	N/A
11	correct	incorrect	incorrect
12	incorrect	incorrect	incorrect
13	incorrect	incorrect	incorrect
14	correct	incorrect	incorrect
15	incorrect	incorrect	incorrect
16	incorrect	N/A	N/A
17	incorrect	incorrect	incorrect
18	incorrect	incorrect	incorrect
19	incorrect	incorrect	incorrect
20	incorrect	incorrect	incorrect
21	correct	incorrect	incorrect
22	incorrect	incorrect	incorrect
23	incorrect	incorrect	correct
24	incorrect	incorrect	incorrect
25	incorrect	incorrect	incorrect
26	incorrect	incorrect	incorrect
27	incorrect	incorrect	correct
28	incorrect	incorrect	incorrect
29	incorrect	incorrect	incorrect
30	incorrect	incorrect	incorrect
31	incorrect	incorrect	incorrect
32	incorrect	incorrect	correct
33	incorrect	incorrect	incorrect
34	incorrect	incorrect	incorrect
35	incorrect	N/A	N/A
36	incorrect	N/A	N/A
37	incorrect	N/A	N/A
38	correct	N/A	N/A
39	incorrect	N/A	N/A
40	correct	incorrect	incorrect
41	incorrect	incorrect	incorrect
42	incorrect	correct	incorrect
43	incorrect	incorrect	incorrect
44	incorrect	incorrect	incorrect
45	incorrect	N/A	N/A
46	correct	N/A	N/A
47	incorrect	N/A	N/A
48	N/A	N/A	N/A
49	incorrect	N/A	N/A
50	incorrect	incorrect	incorrect
51	incorrect	N/A	incorrect
52	incorrect	N/A	incorrect
53	incorrect	incorrect	incorrect
54	incorrect	N/A	incorrect
# of correct answers			
	8	1	3
# of incorrect answers			
	45	30	31
# of N/A			
	1	23	20

	Sundai			
	Forst_01	Forst_02	SML_01	SML_02
1	incorrect	incorrect	incorrect	incorrect
2	incorrect	incorrect	incorrect	incorrect
3	incorrect	incorrect	incorrect	incorrect
4	incorrect	incorrect	correct	correct
5	incorrect	incorrect	incorrect	incorrect
6	incorrect	incorrect	incorrect	incorrect
7	incorrect	incorrect	incorrect	incorrect
8	incorrect	incorrect	incorrect	incorrect
9	incorrect	incorrect	correct	correct
10	incorrect	incorrect	incorrect	incorrect
# of correct answers				
	1	0	0	2
# of incorrect answers				
	10	10	8	8
# of N/A				
	0	0	0	0

Table 21: Detail results of Benesse mock exam in Phase-2

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A18	A46	A03	A10	A37	A22	A55	A13	A35	A42	A45	A01	A14	A23	A30	A39	A51	A54	A07	A24	A25	A36	A26	A32	A43	A56	A62	A09	A12	A31	A53	A04
NUL	JA	1	121	correct	correct	correct	correct	correct	correct	1	2	correct	correct	correct	correct	correct	correct	correct	3	correct	correct	correct	correct	correct	correct	1	correct	correct	correct	correct	correct	correct	correct	correct	correct
NUL	JA	2	121	correct	correct	correct	correct	correct	correct	1	2	correct	correct	correct	correct	correct	correct	correct	3	correct	correct	correct	correct	correct	correct	1	correct	correct	correct	correct	correct	correct	correct	correct	correct
NUL	JA	3	118	correct	correct	correct	correct	correct	correct	3	2	correct	correct	correct	correct	correct	correct	correct	3	correct	correct	correct	correct	correct	correct	1	correct	correct	correct	correct	correct	correct	correct	correct	correct
DCUMT	JA	1	113	correct	correct	correct	3	correct	3	correct	correct	3	2	correct	correct	correct	correct	correct	correct	correct	1	1	correct	correct	correct	correct	2	1	correct	correct	1	correct	correct	4	2
SML	JA	4	78	correct	correct	correct	correct	correct	correct	correct	correct	3	correct	correct	correct	correct	correct	correct	correct	2	correct	correct	4	correct	1	correct	4	correct	3	3	1	correct	correct	2	4
SML	JA	3	75	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	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	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	correct	correct	correct	correct	correct	correct	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	correct	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	correct	4
SML	JA	5	64	correct	correct	correct	correct	correct	correct	correct	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	correct	correct	correct	correct	correct	correct	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	correct	3	correct	1	correct	2	correct	correct	3	correct	correct	4	3	correct	3	3	2	4	3	correct
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	1	4	4	2	1	correct	correct	3	correct	correct	4	1	correct	correct
SML	JA	6	52	correct	4	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct	3	correct	2	2	correct	1	1	correct	correct	correct	3	3	3	4	3	4	correct	2	4
# of runs producing the correct answer				16	15	14	14	14	13	13	12	12	12	12	11	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 allocated to the answer				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 answer				4	2	1	1	1	2	4	1	1	1	3	3	4	1	2	4	4	4	3	2	2	3	3	1	2	1	2	4	3	2	1	3

TEAM_ID	LANG	PRIORITY	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	correct	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	2	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	4	1	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	correct	1	1	correct	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	correct	1	2	4	3	4	3	1	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	2	1	4	4	1	correct	correct	4	3	3	correct	2	2	3	1	4	1	3	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	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	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	1	3	2	3	1	1	3	3	3	3	3	6
# of runs producing the correct answer				7	7	7	7	7	7	7	7	7	6	6	6	6	6	5	5	5	5	5	4	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 allocated to the answer				3	2	3	3	2	2	3	3	2	2	2	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	2	3	3
correct answer				1	3	3	2	2	3	3	3	4	2	3	3	2	1	1	2	2	1	4	4	1	3	4	3	2	5	6	2	1	2	3

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

	Sundai									
	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	correct	correct	correct	correct	correct	correct	correct
5	correct	correct	correct	correct	correct	correct	correct	correct	correct	correct
6	correct	incorrect	correct	correct	correct	correct	correct	correct	correct	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	correct	correct	correct	correct	correct	correct	correct
10	correct	incorrect	correct	correct	correct	correct	correct	correct	correct	correct
# of correct answers										
	8	5	7	8	8	8	8	8	8	8
# of incorrect answers										
	2	5	3	2	2	2	2	2	2	2
# of N/A										
	0	0	0	0	0	0	0	0	0	0

Table 23: Detail results of Center Test in Phase-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	JA	1	65	correct	correct	correct	2	3	correct	correct	1	correct	correct	3	correct	correct	correct	correct	correct	correct	correct
NUL	JA	2	65	correct	correct	correct	2	correct	correct	correct	1	correct	correct	3	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	JA	1	47	1	correct	correct	4	correct	correct	4	correct	correct	1	4	correct	correct	correct	4	correct	2	correct
KUAS	EN	2	47	correct	correct	correct	correct	3	correct	correct	correct	4	correct	2	correct	4	correct	correct	2	3	3
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	JA	3	41	correct	1	3	correct	correct	correct	4	correct	correct	correct	correct	correct	correct	correct	correct	1	2	3
KUAS	EN	1	40	1	correct	correct	correct	4	4	correct	4	4	correct	4	correct	4	correct	correct	2	1	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	EN	1	38	N/A	correct	3	2	3	correct	correct	correct	N/A	4	correct	correct	2	1	1	correct	correct	correct
Forst	JA	3	38	correct	correct	3	3	3	2	1	3	3	2	correct	correct	correct	correct	correct	2	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	34	correct	correct	correct	correct	4	4	2	1	4	correct	correct	correct	4	1	1	2	1	3
WIP	EN	2	34	correct	correct	correct	correct	4	4	2	1	4	correct	correct	correct	4	1	1	2	1	3
IMTKU	EN(Comb)	KitAi-1	34	correct	2	4	correct	2	correct	1	3	correct	correct	3	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	JA	2	31	correct	correct	correct	correct	correct	1	correct	correct	1	1	correct	3	3	correct	4	1	1	correct
KitAi	JA	3	31	correct	correct	correct	correct	correct	1	correct	correct	1	1	correct	1	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	EN	1	25	correct	correct	correct	correct	correct	4	correct	correct	4	1	correct	1	correct	1	1	2	2	2
CMUQA	EN	3	24	1	correct	correct	correct	2	4	correct	1	correct	1	correct	1	correct	correct	1	2	3	3
IMTKU	JA	3	24	correct	2	4	4	correct	4	1	3	correct	4	4	correct	2	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	EN	1	20	4	2	3	4	correct	correct	1	3	3	2	2	4	2	1	correct	2	3	2
IMTKU	EN	2	20	3	2	3	2	correct	correct	1	3	1	1	2	4	2	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	JA	1	12	correct	2	4	4	correct	4	1	3	correct	4	4	correct	2	2	2	2	correct	3
IMTKU	JA	2	8	4	2	4	4	2	correct	1	3	3	1	3	4	2	2	2	2	2	2
# of runs producing the correct answer				22	21	19	19	17	16	16	16	16	15	14	14	14	14	13	13	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 allocated to the answer				3	3	2	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3
correct answer				2	3	1	1	1	3	3	2	2	3	1	2	1	4	3	4	4	1

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A35	A18	A26	A10	A05	A16	A15	A31	A29	A33	A21	A06	A01	A19	A17	A22	A24	A30
NUL	JA	3	68	correct	correct	correct	correct	correct	3	correct	correct	1	1	3	3	correct	correct	4	1	3	correct
NUL	JA	1	65	correct	correct	correct	correct	correct	3	correct	correct	1	1	3	3	correct	2	4	3	3	correct
NUL	JA	2	65	correct	correct	correct	correct	correct	3	correct	correct	1	1	3	3	correct	2	4	1	3	correct
KUAS	EN	1	62	correct	1	4	1	correct	correct	4	4	4	correct	correct	1	1	correct	4	correct	4	correct
Forst	JA	2	48	4	2	correct	correct	2	correct	N/A	1	1	1	4	correct	N/A	correct	1	3	1	2
SML	JA	1	47	3	correct	correct	1	1	correct	3	4	1	correct	correct	3	3	2	1	correct	3	3
KUAS	EN	2	47	4	correct	1	2	correct	correct	2	correct	1	4	3	2	correct	1	4	1	4	1
Forst	JA	1	42	correct	4	1	4	2	correct	3	2	correct	correct	4	3	3	correct	4	1	correct	3
SML	JA	2	41	3	1	4	4	correct	4	3	correct	correct	4	4	3	3	2	4	1	3	3
SML	JA	3	41	3	4	4	4	correct	correct	3	4	3	4	3	3	3	2	4	1	3	3
KUAS	EN	1	40	correct	correct	correct	2	correct	4	3	4	1	4	correct	3	3	1	4	1	4	1
KSU	JA	1	38	3	1	4	1	3	3	correct	correct	1	3	3	correct	5	3	correct	3	3	2
KSU	JA	3	38	3	1	4	1	3	3	correct	correct	1	3	3	correct	5	3	correct	3	3	1
ISOFT	EN	1	38	correct	correct	1	4	3	correct	N/A	2	1	correct	4	N/A	N/A	2	4	N/A	4	N/A
Forst	JA	3	38	4	4	correct	correct	2	4	N/A	1	correct	1	3	6	5	2	4	correct	correct	2
SLQAL	JA	1	35	3	correct	2	correct	3	2	1	4	correct	correct	correct	1	1	correct	1	4	correct	1
WIP	EN	1	34	correct	correct	correct	1	1	3	N/A	correct	2	4	3	correct	N/A	1	4	1	4	N/A
WIP	EN	2	34	correct	correct	correct	1	1	3	N/A	correct	2	4	3	correct	N/A	1	4	1	4	N/A
IMTKU	EN(Comb)	KitAi-1	34	correct	4	2	correct	2	4	3	4	2	1	correct	4	correct	2	correct	4	4	3
KitAi	JA	1	31	3	4	4	1	1	3	correct	2	2	1	3	1	6	2	1	4	1	1
KitAi	JA	2	31	3	4	4	1	1	3	correct	2	2	1	3	1	6	2	1	4	1	1
KitAi	JA	3	31	3	4	4	1	1	3	correct	2	2	1	3	1	6	3	1	4	4	1
KSU	JA	2	30	3	1	2	1	3	2	correct	1	3	3	3	correct	5	1	correct	correct	correct	2
CMUQA	EN	Baseline	27	4	correct	correct	1	1	4	1	4	3	1	3	1	1	3	1	1	1	1
CMUQA	EN	1	25	4	4	2	1	1	3	1	1	2	1	3	1	1	3	1	1	4	1
CMUQA	EN	3	24	4	4	2	1	1	3	1	1	1	1	correct	1	1	2	1	1	4	1
IMTKU	JA	3	24	4	4	2	correct	3	correct	2	2	correct	1	4	1	4	1	2	4	1	2
CMUQA	EN	2	23	4	4	2	4	correct	3	1	1	2	4	3	1	1	correct	4	1	3	1
IMTKU	EN	1	20	4	4	2	4	correct	3	4	2	correct	correct	3	1	correct	1	4	3	3	1
IMTKU	EN	2	20	correct	4	2	correct	2	3	4	2	correct	4	3	1	4	2	correct	4	1	2
WUQA	EN	1	17	correct	1	2	1	1	4	1	4	2	1	correct	N/A	N/A	3	1	1	1	N/A
IMTKU	EN	3	14	2	4	2	4	3	3	4	2	correct	correct	3	2	3	2	1	correct	4	2
IMTKU	JA	1	12	4	4	2	correct	3	correct	2	2	correct	1	4	1	4	1	2	4	1	2
IMTKU	JA	2	8	4	4	2	2	3	correct	2	4	2	correct	1	2	4	1	4	1	3	3
# of runs producing the correct answer				12	11	10	10	10	10	9	9	9	8	7	6	6	6	5	5	4	4
correct rate (%)				36.4	33.3	30.3	30.3	30.3	30.3	27.3	27.3	27.3	24.2	21.2	18.2	18.2	18.2	15.2	15.2	12.1	12.1
score allocated to the answer				3	3	3	3	3	3	2	3	3	2	2	2	3	3	2	3	3	2
correct answer				1	3	3	3	4	1	5	3	4	2	2	5	2	4	3	2	2	4

Table 24: Detail results of Benesse mock exam in Phase-3

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A42	A43	A06	A12	A11	A30	A45	A24	A28	A34	A03	A13	A15	A25	A14	A16	A19	A21	A31	A35	A36	A40	A05
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 producing the correct answer				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 allocated to the answer				3	2	3	2	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
correct answer				3	2	3	1	4	4	4	4	3	3	1	4	1	1	5	1	3	2	1	1	4	2	4

TEAM_ID	LANG	PRIORITY	TOTAL SCORE	A18	A22	A26	A29	A39	A02	A04	A09	A33	A37	A41	A10	A17	A27	A38	A44	A08	A23	A01	A07	A20	A32
NUL	JA	1	77	correct	correct	1	correct	1	4	correct	correct	correct	correct	correct	4	1	correct	2	1	1	1	1	2	1	1
NUL	JA	2	76	correct	correct	1	correct	1	4	correct	correct	correct	correct	correct	4	1	correct	correct	1	1	1	1	2	1	1
NUL	JA	3	76	correct	correct	1	correct	1	4	correct	correct	correct	2	correct	4	1	3	correct	1	1	1	1	2	1	1
Forst	JA	1	44	1	3	correct	3	3	1	1	2	3	3	2	correct	2	3	4	3	correct	4	3	3	3	3
SML	JA	1	42	1	3	correct	1	3	correct	2	1	3	correct	1	correct	1	3	1	3	1	1	3	3	3	3
KitAi	JA	2	40	1	6	1	1	correct	correct	2	4	3	2	3	4	1	4	1	1	1	1	1	4	1	1
SML	JA	3	38	3	3	correct	4	3	4	2	1	3	3	1	1	correct	1	4	3	1	1	3	3	3	3
Forst	JA	2	38	3	N/A	2	correct	N/A	1	4	1	N/A	4	2	1	1	1	1	correct	3	correct	2	2	2	2
KitAi	JA	1	37	1	6	1	1	correct	correct	2	2	3	4	3	4	1	4	1	1	1	1	1	4	1	1
KitAi	JA	3	34	1	6	1	1	correct	1	2	2	3	4	3	4	1	4	1	1	1	1	1	4	1	1
SML	JA	2	32	3	3	correct	1	3	4	2	2	3	2	1	4	1	3	1	3	1	1	3	3	3	3
Forst	JA	3	29	correct	correct	2	3	correct	4	2	2	3	4	3	2	correct	4	2	correct	3	3	2	2	2	2
# of runs producing the correct answer				4	4	4	4	4	3	3	3	3	3	3	2	2	2	2	2	1	1	0	0	0	0
correct rate (%)				33.3	33.3	33.3	33.3	33.3	25.0	25.0	25.0	25.0	25.0	25.0	16.7	16.7	16.7	16.7	16.7	8.3	8.3	0.0	0.0	0.0	0.0
score allocated to the answer				2	3	2	3	3	3	2	3	3	3	3	3	3	3	2	3	3	2	3	3	3	3
correct answer				2	5	3	2	6	2	3	3	6	1	4	3	4	2	3	2	2	2	4	1	4	4

Table 25: Detail results of Yozemi mock exam (2013-4) in Phase-3

TEAM_ID	LANG	PRIORITY	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 producing the correct answer				8	8	6	5	5	5	5	4	4	4	4	4	4	4	3	3	3	3
correct rate (%)				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 allocated to the answer				3	3	3	3	2	3	2	3	2	3	3	2	3	3	2	3	3	3
correct answer				1	3	3	3	1	1	3	1	4	2	4	2	4	2	2	4	2	4

TEAM_ID	LANG	PRIORITY	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
Forst	JA	3	28	4	2	correct	correct	4	correct	4	correct	1	3	correct	1	2	4	2	2	1	1
SML	JA	2	26	correct	3	4	2	4	1	correct	3	2	correct	3	1	3	4	1	2	4	4
Forst	JA	1	26	correct	3	3	1	4	1	3	3	correct	2	3	2	2	2	2	2	4	4
SML	JA	3	23	2	3	correct	2	4	1	correct	3	1	correct	3	3	2	4	3	2	4	4
# of runs producing the correct answer				3	3	3	3	3	2	2	2	2	2	2	1	1	1	0	0	0	0
correct rate (%)				33.3	33.3	33.3	33.3	33.3	22.2	22.2	22.2	22.2	22.2	22.2	11.1	11.1	11.1	0.0	0.0	0.0	0.0
score allocated to the answer				3	3	2	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3
correct answer				1	1	2	4	1	3	2	2	3	1	2	4	1	1	4	4	3	2

Table 26: Detail results of Yozemi mock exam (2014-1) in Phase-3

TEAM_ID	LANG	PRIORITY	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	correct	correct	correct	correct	correct	correct	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	correct	correct	correct	correct	correct	correct	1	correct	2	1	4	1	1	correct	2	correct	4
KitAi	JA	3	30	correct	correct	correct	correct	correct	correct	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	correct	correct	correct	correct	correct	correct	1	correct	2	1	4	1	1	2	2	3	4
# of runs producing the correct answer				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 allocated to the answer				3	3	3	3	3	3	3	3	3	2	3	2	3	3	3	2	3	3
correct answer				3	3	1	2	1	1	2	3	4	4	4	3	3	2	3	3	1	1

TEAM_ID	LANG	PRIORITY	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 producing the correct answer				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 allocated to the answer				3	3	3	2	2	3	2	3	3	3	3	2	3	3	3	3	2	3
correct answer				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

The University of Tokyo				Kyoto University					Hokkaido University				Waseda University				Chuo University				Sundai					
Forst_01	Forst_02	Forst_03	SML_01		Forst_01	Forst_02	Forst_03	SML01		Forst_01	Forst_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	incorrect	incorrect	incorrect	N/A	1	correct	correct	correct	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	incorrect	incorrect	incorrect	N/A	2	incorrect	incorrect	incorrect	N/A	2	N/A	correct	N/A	N/A	2	incorrect	incorrect	incorrect	N/A	7	correct	incorrect	correct	correct	correct	correct
9 incorrect	incorrect	incorrect	incorrect	4	incorrect	incorrect	incorrect	N/A	3	incorrect	incorrect	incorrect	N/A	3	N/A	incorrect	N/A	N/A	3	correct	incorrect	correct	N/A	8	incorrect	incorrect	incorrect	correct	correct	correct
10 incorrect	incorrect	incorrect	incorrect	5	incorrect	correct	incorrect	N/A	4	incorrect	incorrect	incorrect	N/A	4	N/A	incorrect	N/A	N/A	4	incorrect	N/A	incorrect	N/A	9	correct	incorrect	correct	correct	correct	correct
11 incorrect	incorrect	incorrect	correct	6	correct	incorrect	correct	N/A	5	incorrect	correct	incorrect	incorrect	5	N/A	correct	N/A	N/A	5	correct	N/A	correct	N/A	10	incorrect	incorrect	incorrect	correct	correct	correct
12 incorrect	incorrect	incorrect	incorrect	7	correct	incorrect	correct	N/A	6	incorrect	incorrect	incorrect	incorrect	6	N/A	correct	N/A	N/A	6	correct	N/A	correct	N/A	11	correct	correct	correct	incorrect	incorrect	incorrect
13 incorrect	incorrect	incorrect	incorrect	8	incorrect	incorrect	incorrect	N/A	7	incorrect	incorrect	incorrect	incorrect	7	N/A	incorrect	N/A	N/A	7	correct	incorrect	correct	N/A	12	incorrect	incorrect	incorrect	correct	correct	correct
14 correct	incorrect	correct	N/A	9	correct	correct	correct	N/A	8	correct	incorrect	correct	incorrect	8	N/A	correct	N/A	N/A	8	incorrect	N/A	incorrect	N/A	13	incorrect	incorrect	incorrect	incorrect	incorrect	incorrect
15 incorrect	incorrect	incorrect	incorrect	10	incorrect	incorrect	incorrect	N/A	9	incorrect	incorrect	incorrect	incorrect	9	N/A	incorrect	N/A	N/A	9	incorrect	incorrect	incorrect	N/A	14	correct	correct	correct	correct	correct	correct
16 N/A	N/A	N/A	N/A	11	incorrect	incorrect	incorrect	N/A	11	incorrect	correct	incorrect	incorrect	10	N/A	N/A	N/A	N/A	10	incorrect	incorrect	incorrect	N/A	15	correct	incorrect	correct	incorrect	incorrect	incorrect
17 incorrect	correct	incorrect	incorrect	12	incorrect	correct	incorrect	N/A	12	incorrect	incorrect	incorrect	incorrect	11	incorrect	incorrect	incorrect	N/A	11	incorrect	correct	incorrect	incorrect	# of correct answers						
18 incorrect	incorrect	incorrect	correct	13	incorrect	incorrect	incorrect	N/A	13	correct	correct	correct	incorrect	12	correct	incorrect	correct	N/A	12	correct	correct	correct	correct		5	3	5	7	7	7
# of correct answers				14	incorrect	incorrect	incorrect	N/A	14	incorrect	correct	incorrect	incorrect	13	N/A	incorrect	N/A	N/A	13	incorrect	incorrect	incorrect	incorrect	# of incorrect answers						
1	1	1	2	15	incorrect	incorrect	incorrect	N/A	17	correct	incorrect	correct	incorrect	14	N/A	N/A	N/A	N/A	14	correct	incorrect	correct	correct		5	7	5	3	3	3
# of incorrect answers				16	incorrect	incorrect	incorrect	N/A	20	correct	incorrect	correct	incorrect	15	N/A	incorrect	N/A	N/A	15	incorrect	incorrect	incorrect	incorrect	# of N/A						
10	10	10	7	17	incorrect	incorrect	incorrect	N/A	23	incorrect	incorrect	incorrect	incorrect	16	N/A	N/A	N/A	N/A	16	incorrect	incorrect	incorrect	incorrect		0	0	0	0	0	0
# of N/A				18	correct	correct	correct	N/A	24	incorrect	incorrect	incorrect	incorrect	17	N/A	correct	N/A	N/A	17	incorrect	incorrect	incorrect	correct							
1	1	1	3	19	correct	incorrect	correct	N/A	25	incorrect	incorrect	incorrect	incorrect	18	N/A	N/A	N/A	N/A	18	correct	correct	correct	incorrect							
				20	correct	incorrect	correct	N/A	26	incorrect	incorrect	incorrect	incorrect	19	N/A	correct	N/A	N/A	19	incorrect	incorrect	incorrect	incorrect							
				21	incorrect	incorrect	incorrect	N/A	27	incorrect	incorrect	incorrect	correct	20	N/A	correct	N/A	N/A	20	correct	correct	correct	incorrect							
				22	incorrect	correct	incorrect	N/A	29	incorrect	incorrect	incorrect	incorrect	21	N/A	incorrect	N/A	N/A	21	incorrect	incorrect	incorrect	correct							
				23	correct	incorrect	correct	N/A	30	incorrect	incorrect	incorrect	N/A	22	N/A	correct	N/A	N/A	22	incorrect	incorrect	incorrect	incorrect							
				24	correct	incorrect	correct	N/A	31	incorrect	incorrect	incorrect	N/A	23	correct	correct	correct	correct	23	incorrect	incorrect	incorrect	incorrect							
				25	incorrect	correct	incorrect	N/A	32	correct	incorrect	correct	N/A	24	correct	correct	correct	correct	24	correct	incorrect	correct	incorrect							
				26	incorrect	incorrect	incorrect	N/A	33	incorrect	incorrect	incorrect	N/A	25	correct	incorrect	correct	correct	25	incorrect	incorrect	incorrect	incorrect							
				27	incorrect	correct	incorrect	N/A	34	incorrect	correct	incorrect	N/A	26	N/A	N/A	N/A	N/A	26	incorrect	incorrect	incorrect	N/A							
				28	incorrect	incorrect	incorrect	N/A	35	correct	correct	correct	incorrect	27	N/A	correct	N/A	N/A	27	correct	incorrect	correct	N/A							
				29	incorrect	incorrect	incorrect	N/A	38	incorrect	correct	incorrect	incorrect	28	N/A	correct	N/A	N/A	28	incorrect	incorrect	incorrect	N/A							
				30	incorrect	correct	incorrect	N/A	39	correct	incorrect	correct	incorrect	29	N/A	correct	N/A	N/A	29	correct	N/A	correct	N/A							
				31	correct	correct	correct	N/A	41	correct	incorrect	correct	incorrect	30	N/A	correct	N/A	N/A	30	incorrect	incorrect	incorrect	N/A							
				33	correct	correct	correct	N/A	42	correct	correct	correct	incorrect	31	N/A	correct	N/A	N/A	31	correct	correct	correct	N/A							
				34	incorrect	incorrect	incorrect	N/A	# of correct answers					32	N/A	N/A	N/A	N/A	32	incorrect	incorrect	incorrect	N/A							
				35	correct	incorrect	correct	N/A		10	9	10	1	33	N/A	incorrect	N/A	N/A	33	incorrect	incorrect	incorrect	N/A							
				36	incorrect	incorrect	incorrect	N/A	# of incorrect answers					34	N/A	incorrect	N/A	N/A	34	incorrect	incorrect	incorrect	N/A							
				37	incorrect	correct	incorrect	N/A		21	21	21	21	35	N/A	N/A	N/A	N/A	35	incorrect	incorrect	incorrect	N/A							
				38	incorrect	incorrect	incorrect	N/A	# of N/A					36	incorrect	incorrect	incorrect	N/A	36	incorrect	incorrect	incorrect	N/A							
				39	incorrect	incorrect	incorrect	N/A		0	1	0	9	37	incorrect	incorrect	incorrect	N/A	37	correct	incorrect	correct	N/A							
				40	N/A	incorrect	N/A	N/A						38	incorrect	N/A	incorrect	incorrect	38	correct	correct	correct	N/A							
				41	incorrect	incorrect	incorrect	N/A						39	incorrect	incorrect	incorrect	incorrect	39	incorrect	incorrect	incorrect	N/A							
				43	incorrect	incorrect	incorrect	N/A						40	correct	incorrect	correct	incorrect	40	incorrect	correct	incorrect	N/A							
				44	incorrect	incorrect	incorrect	N/A						41	N/A	N/A	N/A	N/A	41	correct	incorrect	correct	incorrect							
				45	incorrect	incorrect	incorrect	N/A						42	N/A	correct	N/A	N/A	42	correct	N/A	correct	correct							
				46	incorrect	incorrect	incorrect	N/A						43	N/A	incorrect	N/A	N/A	43	incorrect	incorrect	incorrect	incorrect							
				47	incorrect	correct	incorrect	N/A						44	N/A	correct	N/A	N/A	44	correct	correct	correct	correct							
				48	incorrect	correct	incorrect	N/A						45	N/A	correct	N/A	N/A	45	incorrect	correct	incorrect	incorrect							
				50	incorrect	incorrect	incorrect	N/A						46	N/A	incorrect	N/A	N/A	46	correct	incorrect	correct	incorrect							
				52	incorrect	incorrect	incorrect	N/A						47	N/A	incorrect	N/A	N/A	47	incorrect	correct	incorrect	correct							
				53	incorrect	incorrect	incorrect	N/A						48	N/A	N/A	N/A	N/A	48	incorrect	incorrect	incorrect	correct							
				54	incorrect	incorrect	incorrect	N/A						49	N/A	correct	N/A	N/A	49	incorrect	correct	incorrect	incorrect							
				55	incorrect	incorrect	incorrect	N/A						50	N/A	correct	N/A	N/A	50	correct	incorrect	correct	incorrect							
				57	incorrect	incorrect	incorrect	N/A						# of correct answers					# of correct answers										
				59	incorrect	incorrect	incorrect	N/A							5	21	5	3		20	12	20	8							
				# of correct answers										# of incorrect answers					# of incorrect answers										
					16	13	16	0							5	19	5	3		30	32	30	17							
				# of incorrect answers										# of N/A					# of N/A										
					35	39	35	0							40	10	40	44		0	6	0	25							
				# of N/A																										
					1	0	1	52																						