iCampus

Integrated Campus using Advanced Multimedia Processing in a Ubiquitous Society

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1. Introduction

We have developed an e-Learning system for the Examination of Japanese University admission (EJU), which is currently held by the Japan Student Services Organization (JASSO). Permission has been obtained from JASSO for the copyright materials used in the examinations of this system. The application of iCampus in Japanese Language Education System was released on August 1, 2004.

At this stage, the test in Japanese as a Foreign Language consists of reading comprehension (30 mins), listening comprehension (35 mins), as well as listening and reading comprehension (35 mins). Each section contains 20 questions and the total time requirement is 100 minutes. In the real examination which includes a writing section, the total time requirement is 120 minutes.

The examination results can be used for class placement or measuring the level of achievement of students. In general, this system can only be used once, but in the case that a student's level of achievement is low, it can be used multiple times. In that situation, the score would be displayed every time the examination is taken. Moreover, because the order of the questions and selections will be shuffled every time the test is taken, students will not be able to obtain the right answers without thoroughly understanding the problems. Be aware that when the examination is conducted in a class setting, it is necessary for your students to bring headphones for the listening as well as the listening and reading comprehension sections. In addition,

it is necessary to adjust the volume of the headphones in advance by listening to the practice questions.

2. Access Method

To use iCampus, please access the following URL with your web browser.

http://www.sp.cis.iwate-u.ac.jp/icampus/icampus.jsp

The iCampus homepage is composed of one upper and one lower frame page. On the upper frame, when the iCampus banner with the heart shape logo or the iCampus text link is clicked, the homepage will always be shown. In case time-out happens, it is convenient to use this link to go back to the homepage. Also, when "Integrated e-learning" is clicked, the explanation of iCampus usage and the background project information will be displayed. Please refer to this link in case of uncertainty of usage. The following is an example of the iCampus homepage.
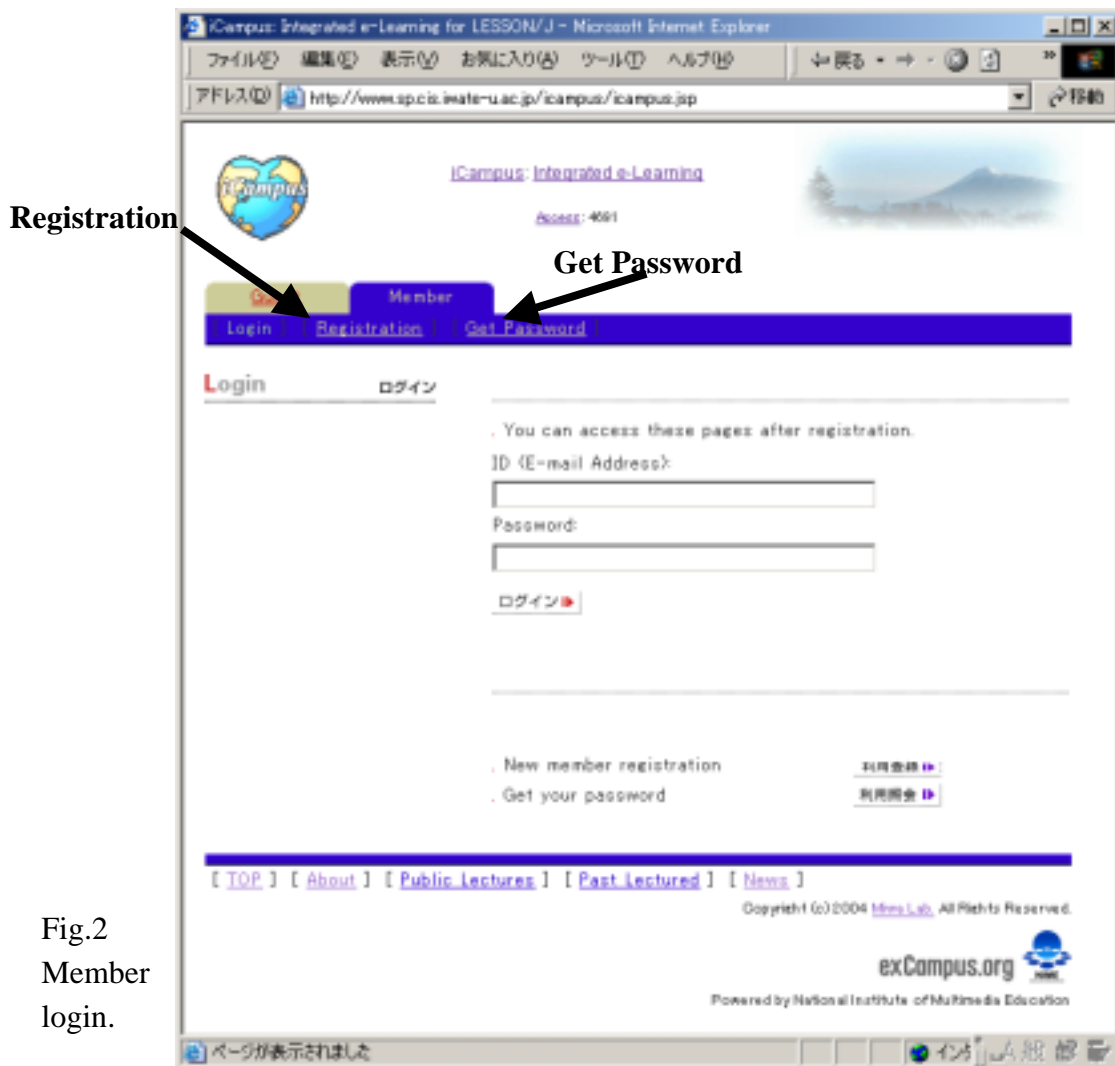

Fig.1 Homepage.

3. Guest Page

The guest page is shown by default with the blue menu bar at the bottom of the frame. This page can be accessed freely like other web pages without membership registration. While still under development, there is not much content except the "Introduction to Japanese" and the "Information Technology" pages.

4. Member Registration

iCampus member can register for free. First, when the "Member" menu tab at the bottom frame is clicked, the page like the following will be shown. Then, click on the "Registration" tab in the middle on the menu bar.

Fig.2
Member
login.

For the membership registration, enter the following information.

Table 1 An example of the Information for member registration

Site Name:	iCampus: Integrated e-Learning for Japanese
University Name:	None (You can change in the profile page after registration)
Class Name:	Examination for Japanese University Admission
Class Keyword:	**examjuniv** (Maybe changed in the future)
First Name:	**Real name** (Display for member only)
Family Name:	**Real name** (Display for member only)
Nickname:	**Fictitious name** (Display for all in member list, BBS or chat)
E-Mail Address:	**Real e-mail address** (Display for member only)
Password:	**Your login password**
2nd Password:	**Same as login password for verification**

The values entered should not be forgotten easily, so please enter the information correctly. Moreover, in case the password is forgotten, it can be retrieved by entering your first and family name, Email address and Class Keyword. The details will be explained on the next page.

Fig.3
Member
registration.

4

5. Get Password

In case the password is forgotten, it can be retrieved by entering the First and Family Name, Email Address as well as Class Keyword like the example below. Because this is important information, the password will be sent to the member's email address.

Fig.4
Get password.

6. Member Login

Member can login by entering the ID (Email address) and password.

Fig.5
Member login.

When logged in successfully, the menu bar will change to red. Moreover, when "Subject" is clicked, the information of the target subject can be accessed.

Fig.6
Member
top page.

Subject

7. The Examination of Japanese University Admission Page

(a)   Class top page for "Examination of Japanese University Admission"

Enter the top page by clicking on the link.

To menu list

Fig.7
Class top
page.

(b)   Class menu list

As shown in the above screen shot, when the "Examination of Japanese University Admission" link or "Lecture List" link is clicked, the menu (lecture, bulletin board, inquiry, member chat, information, examination, and questionnaire tabs) for that lecture will be displayed.

Button for examination

Fig.8 Class menu list.

(c)   Starting Examination

Click on the link labeled "Examination" tab. Scroll down for the old exam questions below. Students cannot take new exam questions without first taking the old exam questions first. The order of the exam should start with Trial Examination, Reading Comprehension, Listening Comprehension, and finally Reading and Listening Comprehension (Writing exam will be last in the real exam situation). However, the Writing exam is not available in this system.

Fig.9
Exam top.

Click on the "Answer" link to go to the next page.

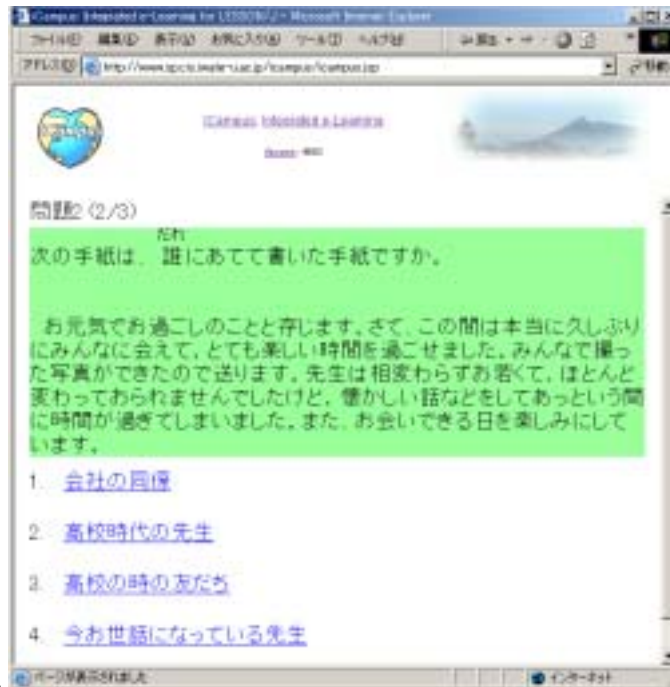(d) The following is a screen shot of the "Start Exam" page.

Fig.10
"Start Exam".

Click on the "Start Exam" button to go to the following page.
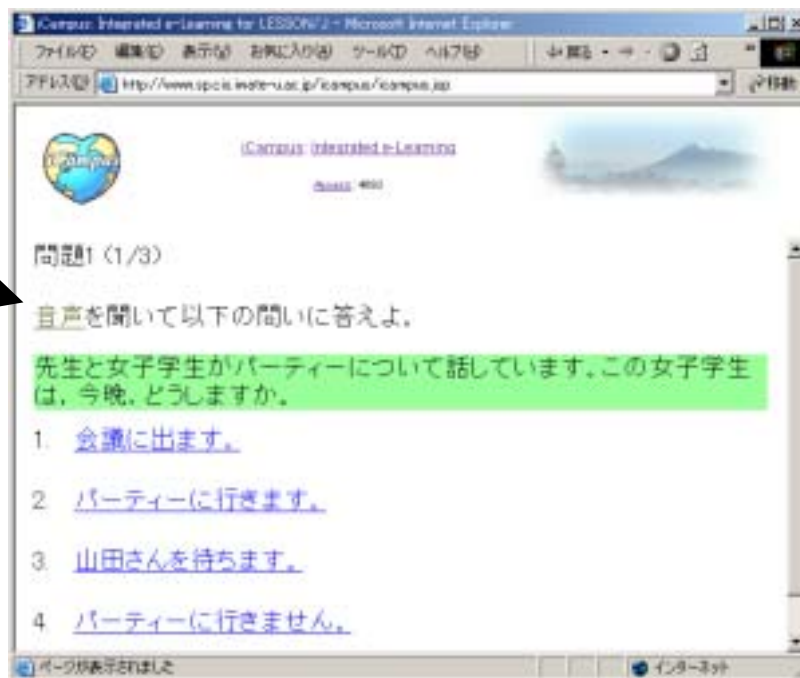
(e) The examination questions page

To answer the examination of **Reading Comprehension** questions, click on one link to select the answer among the four choices.

Fig.11
Reading
Comprehension.

Select answer

For **Listening Comprehension questions**, click on the "Sound" link to hear the content and select the answer among the four choices available.

Listen

Fig.12
Listening.

For **Reading and Listening Comprehension** questions, understand the meaning of the diagrams or graphs. After clicking on the "Sound" click to hear the content, select the correct answer among the four choices available.
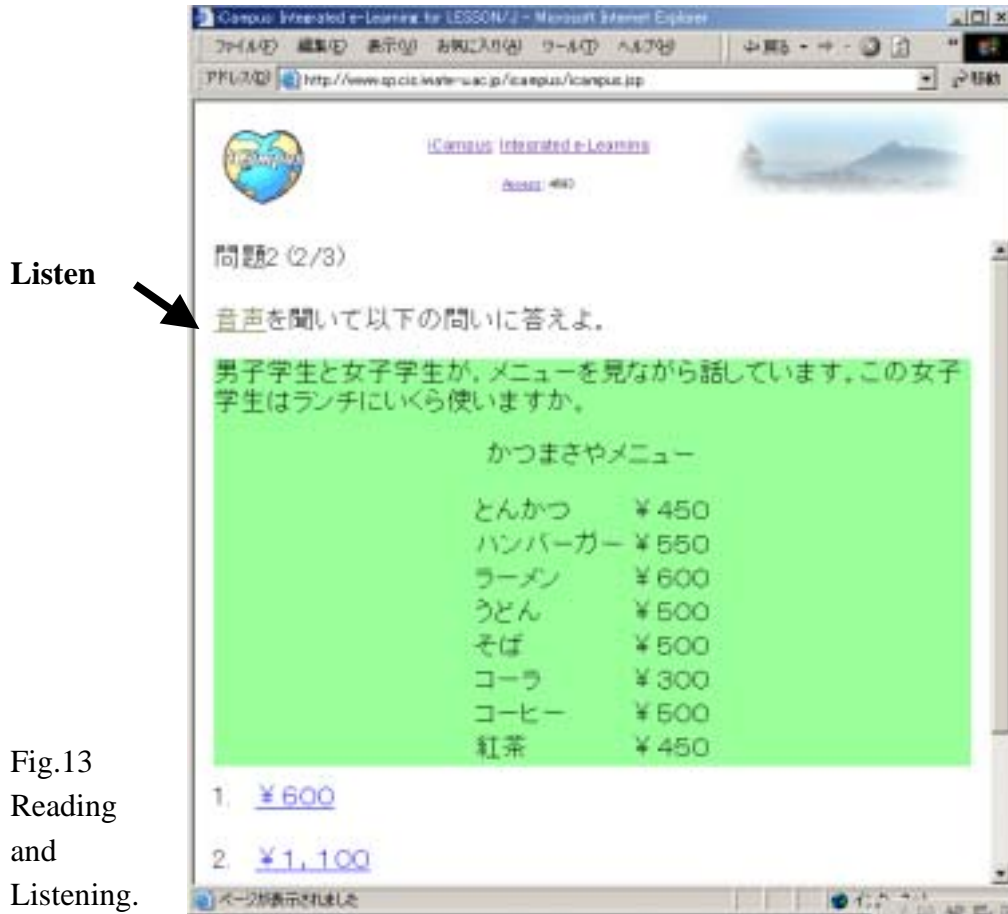
Listen

Fig.13
Reading
and
Listening.

(f)   Scoring page

When all the questions are answered, the score will be displayed. Correct answers are highlighted white and incorrect answers are highlighted black. In the following example, it can be seen that two out of three questions were answered incorrectly. In addition, for questions that were presented in sound format in the Listening as well as Reading and Listening Comprehension sections, the text format of the questions will be displayed by placing the mouse over the questions like the example below. If you will click the scoring button in an examination starting page such as Fig.15 for your request, the scoring page will be also displayed.
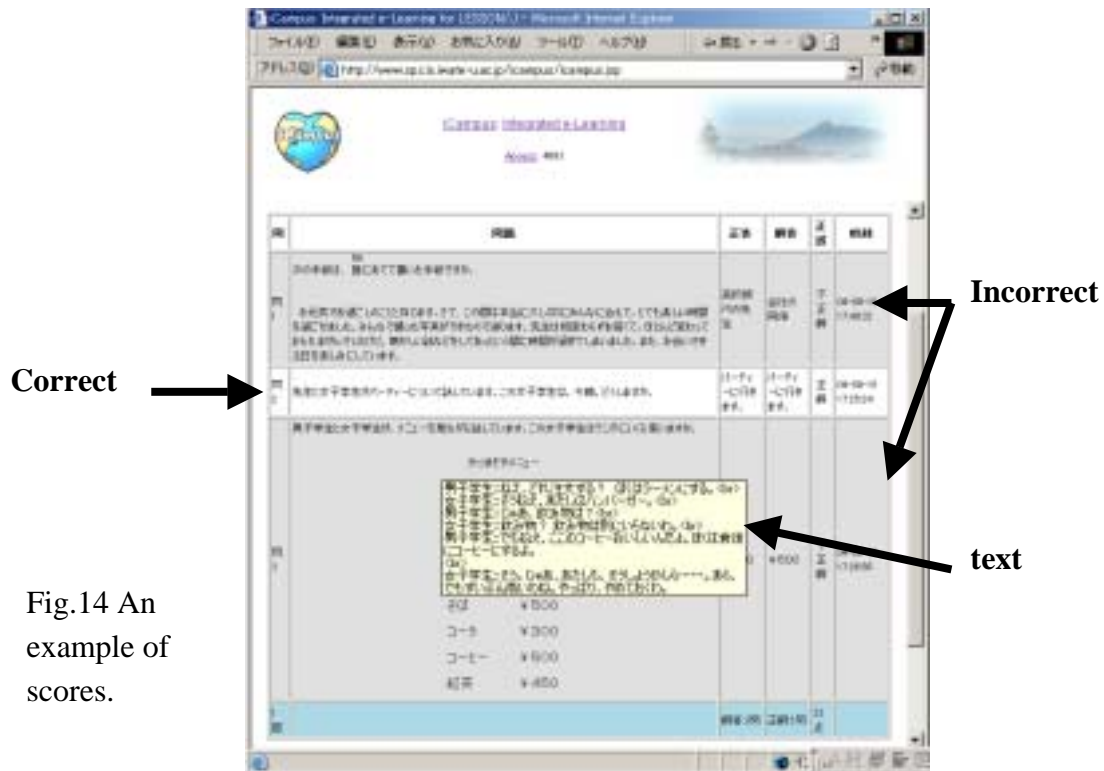
Correct

Incorrect

text

Fig.14 An example of scores.

When finished answering the old questions, the "Answer" click will be shown automatically so that the next set of questions can be answered.

New link

Fig.15 New link for next set of questions.

8. Profile/ Change personal information page

The password, nickname, comment, check of mail magazine or your university name can be changed. Since the nickname and comment can be seen by all of the participants, please do not write your telephone number or other personal information here for security.

Fig.16 Profile change.

9. Logout page

After selecting a logout button, you click "Yes" in English ("Hai" in Japanese) menu.

Fig.17 Logout.

10. In case you are lost

If you are lost and not knowing which link to click while using iCampus, you can to back to the iCampus homepage and click on the site map link like the example below.

Site map link

Fig.18
Homepage.

Like the example below, syllabus, lecture at a glance, bulletin board, news, members, information, class topics, examination, questionnaire etc. of each subject will be shown in the site map page.

Link to mail form

Fig.19
Site map.

11. Bugs and others

Please understand that we are constantly improving the system and the following are some known bugs.

(1) There are a lot of menu items which are in Japanese only and not in English.

(2) The only content available is EJU, which is not enough.

(3) There is only one set of EJU questions for trial examination.

(4) More improvement is needed in displaying the information, such as the font size of the examination questions.

(5) The reception of the Listening part of the examination is dependent on the learners' environment.

(6) The functionality for teachers to access students' scores is not released.

If you have any suggestions or questions, please feel free to contact the administrator from the mail form linked from iCampus top page.

12. Related Links

(a)   Project page for iCampus

http://www.sp.cis.iwate-u.ac.jp/icampus/project.jsp

(b)   Introduction to Japanese

http://www.sp.cis.iwate-u.ac.jp/sp/lesson/j/doc/japanese.html

(c)   Japanese Language Education System for Speech on an On-demand Network: LESSON/J

http://www.sp.cis.iwate-u.ac.jp/sp/lesson/j/index.html

13. Acknowledgement

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