Computer-Aided Testing in Modern Electronic Educational Systems as a Means of Improving the Quality of Teaching Foreign Languages in Law School.

Borovkova M.V.
Yalaeva N.V.
Sadykova N.V.
The quality of education is a complex of characteristics attributed to professional identity. They reflect the ability of a specialist to carry out professional activity.
The improvement of quality in the sphere of professional education may go on within the following fields:

• increase in the quality of management;
• introduction of new educational technologies;
• development of personal aptitudes;
• self-education experience.
Aim - to examine the specific features of introducing the information technologies into the educational process
testing system can be used for many specific pedagogical purposes:

• control testing;
• educational and training testing;
• examination (open types of questions and writing an essay);
• distance foreign language contests and competitions;
• listening (audition).
Five types of questions:

1. choosing one option from the list;
2. choosing several options from the list;
3. typing texts or digits on the keyboard;
4. matching;
5. giving the right order.
Individual settings

Flexible mechanism of the system’s settings offers to combine the tasks from different format of files including audio and video files, attach references to files from internet as well as to create a file storage for the exchange of study materials.
The main goals:

1) to check the conformance of skills, competence and the expertise of students with the aims of study;
2) to assess the knowledge objectively and independently;
3) to make a statistical processing and analysis of information about the results of education.
Lexical material

- thematic principle ("Judicial Systems" and "Legal Professions");
- principle of terminological importance;
- principle of frequency (internet corpus of English language was used);
- principle of word-building value.
Grammar material was selected according to the themes which had been studied by the students, namely Complex Object, Complex Subject, Participles, Modals, Reported Speech, Tenses, Prepositions.
Reading tasks

were represented by professionally oriented texts on the topics “Judicial Systems” and “Legal Professions”.
We used three types of tasks out of five offered by “INDIGOGO” system, such as:

1. choosing one option from the list;
2. choosing several options from the list;
3. matching.

Types of tasks
Structure

• **256 tasks** only **40** from which were included into sampling.

• Each student has different tasks from **24** categories on the screen.

• The test consists of **24** sections (**10** grammar sections, **12** lexical sections and **2** reading sections).
## Statistics on points

<table>
<thead>
<tr>
<th></th>
<th>S</th>
<th>T</th>
<th>U</th>
<th>V</th>
<th>W</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
<th>AA</th>
<th>AB</th>
<th>AC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Q</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>R</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Группа</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Грамматика. Complex Object Умение</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Вопрос №</strong></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Тип вопроса</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Всего</strong></td>
<td>34</td>
<td>29</td>
<td>36</td>
<td>33</td>
<td>34</td>
<td>26</td>
<td>27</td>
<td>33</td>
<td>252</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Верно</strong></td>
<td>27</td>
<td>10</td>
<td>15</td>
<td>22</td>
<td>22</td>
<td>15</td>
<td>11</td>
<td>17</td>
<td>139</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Частично</strong></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Неверно</strong></td>
<td>7</td>
<td>19</td>
<td>21</td>
<td>11</td>
<td>12</td>
<td>11</td>
<td>16</td>
<td>16</td>
<td>113</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Пропущено</strong></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>СреднийБалл</strong></td>
<td>0,79</td>
<td>0,34</td>
<td>0,42</td>
<td>0,67</td>
<td>0,65</td>
<td>0,58</td>
<td>0,41</td>
<td>0,52</td>
<td>1,1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>МаксБалл</strong></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Процент</strong></td>
<td>79,41</td>
<td>34,48</td>
<td>41,67</td>
<td>66,67</td>
<td>64,71</td>
<td>57,69</td>
<td>40,74</td>
<td>51,52</td>
<td>55,16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The analysis of the results of the test allows us to make a conclusion that

- the students are able to reproduce the information and to use in practice the knowledge got during the study of a discipline;
- the system gives close feedback with the developer of the test;
- the academic performance of the students helps to improve the quality of testing tasks.
“INDIGO” system

• helps improving the quality of teaching foreign languages in law school;
• intensifies the self-study work and motivates the students to learn professional foreign language;
• methodical and educational materials and the resource base with the elements of interactive communication defines the complex of activities based at improving the quality of teaching professional foreign-language communicative competence.
Thank you for your attention!