Challenges in conducting online examination from Moodle in Rural Area

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Prerequisite

• **University of Mumbai** is conducting examination in **External** and **Internal** manner.
  
• External Examination is for **60 marks** and Internal Examination is for **40 marks**.
  
• Internal Examination contains Online Test for **30 marks**.
Challenges:

• Internet Connectivity
• Question Bank Preparation.
• Communication with the Students
• Security.
Methods followed

• Online Software Developed.
• Offline.
• Moodle.
Method 1 : Online Examination Software

• Developed by Faculty Prof. Sanil C. Savale
• Network Support was given.
• Slow Performance was recorded.
Method 2: Offline Test

- No Network Support
- Slow Response recorded
Moodle

• Familiar Software.
• Community Support.
• No Cost.
• Network Supported.
• No need of Internet.
• Ease of Communication.
<table>
<thead>
<tr>
<th>Class</th>
<th>Student</th>
<th>Subject</th>
<th>Success Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>F.Y.B.Sc.</td>
<td>38</td>
<td>07</td>
<td>100%</td>
</tr>
<tr>
<td>S.Y.B.Sc.</td>
<td>22</td>
<td>05</td>
<td>100%</td>
</tr>
<tr>
<td>T.Y.B.Sc.</td>
<td>26</td>
<td>05</td>
<td>100%</td>
</tr>
<tr>
<td>Class</td>
<td>2015-16</td>
<td>2016-17</td>
<td>2017-18</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>F.Y.B.Sc</td>
<td>02/07 (18%)</td>
<td>07/07 (100%)</td>
<td>07/07 (100%)</td>
</tr>
<tr>
<td>S.Y.B.Sc.</td>
<td>02/05 (40%)</td>
<td>05/05 (100%)</td>
<td>05/05 (100%)</td>
</tr>
<tr>
<td>T.Y.B.Sc.</td>
<td>02/05 (40%)</td>
<td>05/05 (100%)</td>
<td>05/05 (100%)</td>
</tr>
</tbody>
</table>
Adding a New Quiz
Adding Questions

![Image of adding questions in an online quiz system](image-url)
Creating Quiz

The quiz activity enables a teacher to create quizzes comprising questions of various types, including multiple choice, matching, short-answer, and numerical.

The teacher can allow the quiz to be attempted multiple times, with the questions shuffled or randomly selected from the question bank. A time limit may be set.

Each attempt is marked automatically, with the exception of essay questions, and the grade is recorded in the gradebook.

The teacher can choose when and if hints, feedback, and correct answers are shown to students.

Quizzes may be used:
- As course exams
- As mini tests for reading assignments or at the end of a topic
Login as Students
Start attempt
Timed quiz

The quiz has a time limit of 45 mins. Time will count down from the moment you start your attempt and you must submit before it expires. Are you sure that you wish to start now?

Start attempt  Cancel
FYBSC-2018

Which input values will cause an AND logic gate to produce a HIGH output?
Select one:
- a. One input is HIGH.
- b. One inputs are LOW.
- c. All inputs are HIGH.
- d. All inputs are LOW.

The output of an AND gate with three inputs, A, B, and C, is HIGH when ________
Select one:
- a. A = 1, B = 1, C = 1
- b. A = 0, B = 1, C = 1
- c. none of these
Result Files

- F.Y.B.Sc COD Result.
- F.Y.B.Sc FOSS Result.
- S.Y.B.Sc. DM Result.
- T.Y.B.Sc DCN Result.
<table>
<thead>
<tr>
<th>Question Type</th>
<th>Possible/Not Possible</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCQ</td>
<td>Possible</td>
</tr>
<tr>
<td>Yes/No</td>
<td>Possible</td>
</tr>
<tr>
<td>Descriptive</td>
<td>Possible</td>
</tr>
</tbody>
</table>
Conclusion:

- Test of 144 Students (Batch of 48 Students).

<table>
<thead>
<tr>
<th>Method</th>
<th>Success Rate</th>
<th>No of Days Taken for the Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Examination Software</td>
<td>80%</td>
<td>3 days.</td>
</tr>
<tr>
<td>Offline Test</td>
<td>100%</td>
<td>7 days.</td>
</tr>
<tr>
<td>Moodle</td>
<td>100%</td>
<td>1 day.</td>
</tr>
</tbody>
</table>
Thank You