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### ***A Study of Achievements, Objectives and Future Scope of DIGITAL ASSESSMENT under UNO DIGITAL PVT.LTD.***

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**Abstract :** UNO Digital Pvt. Ltd. is located at Patna in Industrial Estate. The company was incorporated on April 2003 at Patna, in Bihar. Earlier **UNO Digital Pvt. Ltd.** was a test center with 500 nodes. Now it has collaborated with TCS and has become a subsidiary of TCSion, under certain terms of services and the nodes have increased from 500 to upto 2000. Now it has become the largest exam center of East-zone and very soon it will be counted as one of the largest exam centers of India. The study of this research is to create awareness among people towards technologies in the IT sector and making people more computer-friendly and to conduct exam with zero minute delay, that is on zero error.

**Keywords :** TCSion : Tata Consultancy Services infrastructure of network, IT: Information Technology, PH : Physically Handicapped.

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#### **Introduction :**

**Digital Assessment** is a kind of online and computer-based tool that helps to conduct formative assessments and reduce the paper trail. It is a useful method of making people aware of the growing technologies in the IT sector by encouraging them to appear in online assessment. ([http://en.wikipedia.org/wiki/Online\\_assessment](http://en.wikipedia.org/wiki/Online_assessment), 10.10.14). To evaluate the process of Digital Assessment the company is going to adopt various measures as following :

- Remote login of the Exam launcher.
- Switch ON the nodes via sms.
- Locked message-box which also displays the system number of the candidates so as to easily unlock them.
- Downloading of the descriptive paper ([www.tcsion.in](http://www.tcsion.in), 10.10.14).

#### **Objectives of the Study :**

- To create awareness among people towards the technologies in the IT sector and to make people more computer-friendly.

- To conduct exam with zero minute delay, that is on zero error.(www.tcsion.in, 10.10.14)

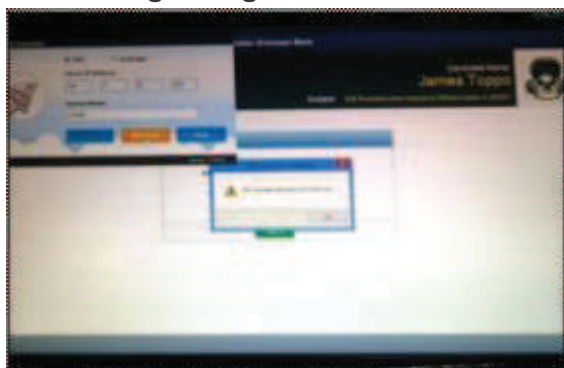
**Methodology of the Study :**

- **Area of study:** A survey was conducted at UNO Digital Pvt. Ltd. , Road No. 2, Block No. 3, Patliputra Industrial Estate,Patliputra Colony, Patna, Bihar.
- **Sample size and sampling method:** The sample was collected from UNO Digital Pvt. Ltd., Patna, which conducts exam at the center with the involvement of about 2000 nodes by conducting various kind of exams.

**Tools and technique used for data collection:**

- Survey conducted by observing various exams held at the center.
- Questionnaire
- Responses compiled to derive the required information. (www.unodigital-pvtltd.com,www.tcsion.in, 10.10.14)

**Candidate Log-in Page:**



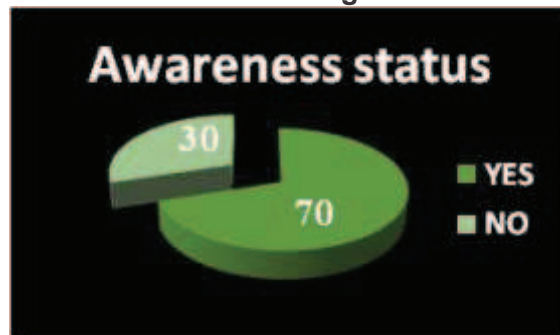
**IT Managers’/Server Page:**



**Major findings of the study:**

The impression drawn from this research study specifies and highlights several facts:(http://en.wikipedia. org/wiki/ Online\_ assessment, UNO Digital Pvt. Ltd., Patna, 10.10.14)

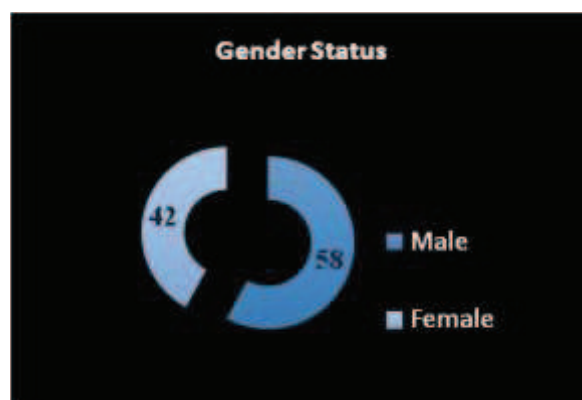
**1. Awareness about Digital Assessment:**



	Total	Aware	Unaware
Awareness	100	70	30

This data provides the information regarding how many people are comfortable to give online assessments along with the approximate number of people who appeared in the online assessment on the basis of attendance and responses of the questionnaires.

**2. Gender Awareness about Digital Assessment:**

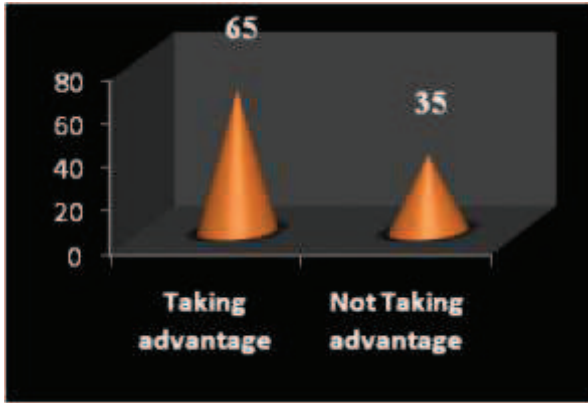


	Total	Female	Male
Gender Awareness	100	42	58

The study also gave us a brief overview regarding gender awareness about the Digital

Assessment. 58% of the male 42% of the female population are aware of it.

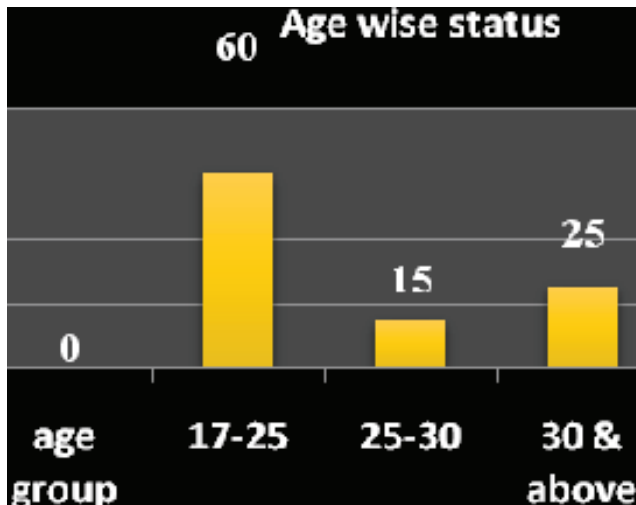
**3. People who are taking advantage of Digital Assessment:**



	Total	Taking advantage	Not taking advantage
Taking advantage	100	65	35

The study also gave us a brief overview regarding how many people are aware and really taking advantage of digital assessment by appearing in it. 65% of the people are taking and only 35% are not taking advantage. This 35% include candidates who remained absent on assessment date and also those who were uncomfortable to give digital assessment.

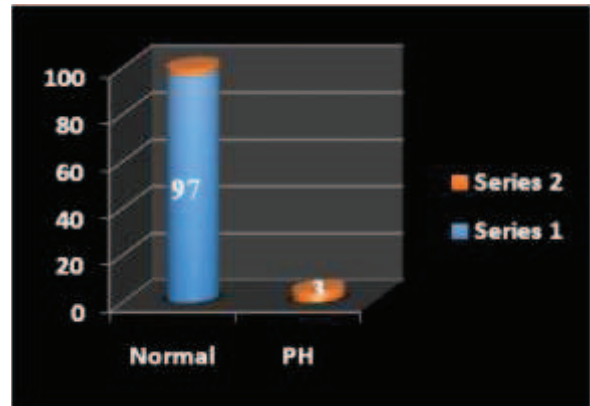
**4. Age wise Status:**



	Total	17-25	25-30	30 & above
Age -Wise Status	100	60	15	25

The study also gave us a brief overview of the age group with the maximum utilization of Digital Assessment. Generally the people who lie in the age group of 17-25 use this facility the most. They use this for entrance exam, recruitment and promotional exams.

**5. Candidates' status:**



	Total	Normal	pH
Candidates' Status	100	97	3

On the basis of attendance sheet we found that out of total candidates who appeared in the assessment, 97% were Normal (no disability) while 3% were PH who required scribe during the assessment.

**Advantages of Digital Assessment :**

- It makes people friendly with the technology.
- The tension for the evaluators is minimal and it saves time.
- The results can be saved easily and effectively.
- There are less chances of papers being leaked out.

- Last but not least it saves human workforce (www.tcsion.in, 10.10.14).

#### **Disadvantages of Digital Assessment :**

- Time duration of examination varies from one another in many cases.
- It becomes quite difficult for those who are not techno-friendly.
- Candidates get distracted when their systems get locked (www.tcsion.in, 10.10.14).

#### **Conclusion :**

To conclude, Digital Assessment is in the developing phase with an expectation of normal 5 minutes delay in exam. But in future with the help of new technologies this practice will be achieved with zero minute delay in exam and will be served as the best practice for conducting exam with zero error (UNO Digital Pvt. Ltd., Patna., 10.10.14).

#### **Limitations of the System :**

- Internet should not be connected with the primary server during exam.
- Limited manpower list is generated.
- Due to hardware failures the exam duration may get extended compared to its actual exam time ([http://en.wikipedia.org/wiki/Online\\_assessment](http://en.wikipedia.org/wiki/Online_assessment), 10.10.14).

#### **Future Scope :**

- Awareness of Environment Conservation and aim of saving trees, in near future, mostly all assessment will move towards Digital Assessment.

- As the education in our country and across the globe is moving towards Digitalization so the exams will also be Digitalized.

- It will be more successful than online exams, as it uses two servers (Primary and Secondary) whereas in online exam a single server is used. In case of failure of the server during online exam, the exam will get disturbed whereas in the digital assessment if any of the servers fail we can easily replace it, without affecting the exam. Thus, there is less chance of failure and chances of success increase ([http://en.wikipedia.org/wiki/Online\\_assessment](http://en.wikipedia.org/wiki/Online_assessment), 10.10.14).

#### **Suggestions :**

- Include awareness of mobile application.
- Grade level of awareness in work profile.
- Include ways to improve awareness.
- Identify specific segments rather than generalized survey.

Awareness can be created among the students by giving them free demo of online exams, like a mock test.

At the examination center, all the computer systems could be switched on through mobiles ([http://en.wikipedia.org/wiki/Online\\_assessment](http://en.wikipedia.org/wiki/Online_assessment), 10.10.14).

#### **References :**

www.unodigitalpvtltd.com

www.tcsion.in

[http://en.wikipedia.org/wiki/Online\\_assessment](http://en.wikipedia.org/wiki/Online_assessment)

UNO Digital Pvt.Ltd., Patna