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APPLICATIONS OF ICT IN TEACHING – LEARNING & EVALUATION



Geetha C.

**Assistant Professor, Department of Education, Kuvempu University,
Shankaraghatta, Shivamogga Dist. Karnataka.**

ABSTRACT :

Computer-based testing (CBT) is the administration of test questions examinations via a computer through the application of specialized computer software that has been commercially developed. CBT software is multifunctional and can be utilized to create and administer formal examinations, questionnaires, surveys, tutorials, and presentations. Testing is the Process of questioning of produces in order to evaluate it. Testing using computers must be separated from the normal testing Procedures usually followed in regular education procedures like class room teaching, distance education Non –formal education etc.

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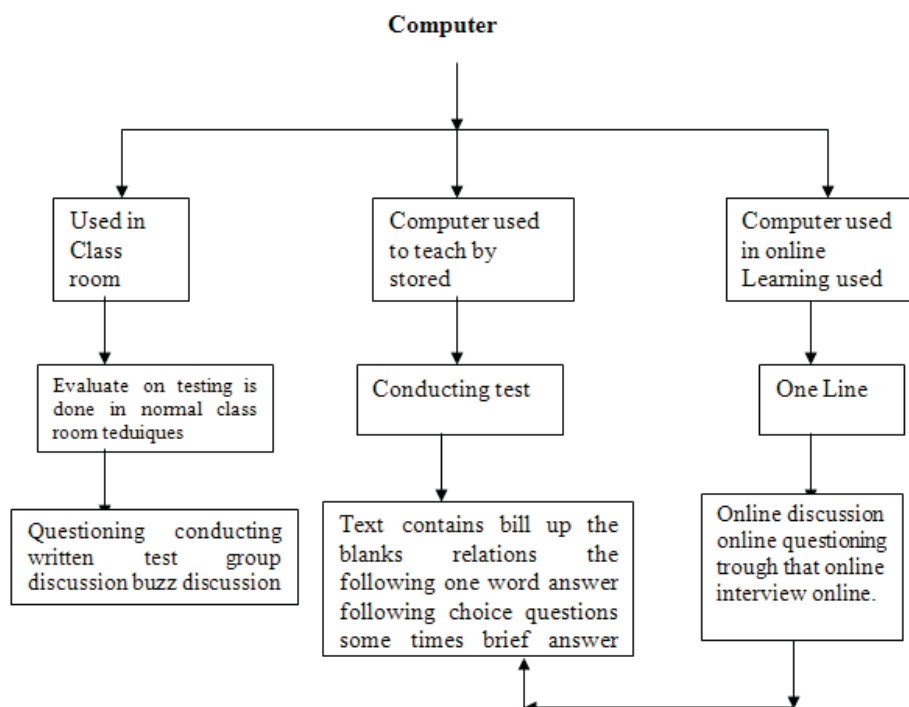
Many methods and techniques are available for the evolution of the attainment of the Learners is Various aspect usually achievement test (writer test) interview (oral test) (Writer test) interview (oral test) etc. are used to access the Warning attainment of the Learner Due to the developments of science and technology some innovative evaluation methods are developed during the last deeded. For simple paperless test with the help of computer in which the computer view generate the required numbers of questions for each students and the students will never for the question through Key board was developed But this method can be used only in the closed circuit system. In which the master computer and the monitor are interconnected. On line testing is a modern trend, used to evaluate the attainable, Progress in the projects or research work acquiring skill etc. with the help of the applications of internet the following on line evaluation techniques may be implemented in educational evaluation.

KEYWORDS : Computer-based testing, CBT software,

INTRODUCTION:

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TYPES OF COMPUTER BASED TESTING:



❖ **Computer used in class room:-**

In this situation teachers was computers to teach, And for testing he can either we the computer or normal evaluation techniques like.

- Asking Question
- Group discussion
- Buzz discussion
- Asking students to summarize on black board.
- Conduct a tab – Tab In conducting test he can use one word answer type fill in the blanks match the following type brief of answer questions essay type questions etc.

❖ **Computer used in online Learning & Web Learning:-**

In This type a variety of test can be conducted sine every thing 10 on line or dynamic one
Ex: Discussion, testing, interview, viva, Seminar, Summarize.

❖ **Computer education:**

In this situation the information to study center will be stored in CD-ROM's in this type testing is conducted by.

- One Mark question
- One word answer
- Fill up the blanks
- Multiple choice questions
- Match the following

In these type discussions, interviews make up, viva etc can not be conducted and teaching is static.

❖ **On-Line teaching:**

Online Learning means the student can sit at this own place or can go to internet centers and can learn through net.

In online Learning there are

Two Type:

- 1) Self Paced Learning
- 2) Group Learning

In self paced Learning the teacher has to teach each student individually separate attention must he given to each student

In group learning timings will be announced and group of students and teacher join in online and learning will be conducted.

Teaching will be conducted through:-

- Voice conferencing
- Video conferencing
- Chatting
- Mailing
- Shared white boards
- Live Presentation seminary Lectures etc.

Types:

- ❖ One mark questions
- ❖ One word answer
- ❖ Fill up the blanks
- ❖ Multiple Choice questions
- ❖ Match the following

Advantages:

- You can obtain certifications throughout the year rather than on a limited schedule.
- Results are immediately (and accurately) scored, compared to the exams. Plus, four-to six-weeks typically required for scoring paper
- Results can be published electronically.
- Motivates students towards test.
- Saves times
- Evaluate within fraction of second
- Evaluate in democratic way.

ON - LINE TESTING:-

Online testing is much diversified testing it involves many ways of testing as following.

❖ **On Line Tests.**

In this Test will be conducted on line i.e. well before conducting a test, the test of different test papers will be slaved in internet after teaching time will be fined for text During that time students comes on line with the special ID given to him like hall ticket and answer to the questions in the test paper. After finishing the test immediate evaluation is done to programming and result can be announced after a few unite.

❖ **Face to Face interview:**

This is used in self pace Learning. In this teacher can evaluate student's Knowledge understanding etc. through interview performed on line with help of web camera.

❖ **On-Line discussions:**

In grouped Learning on line discussions are set up for students through group chat & teacher can view that.

On-Line debates:

On-Line debates can be conducted.

- On-line Seminars
- On-Line viva
- On-Line demonstrations
- Simulated presentations
- Projects will be given
- Assignments

PROCEDURE OF CONDUCTING ONLINE TESTS:-

Planning:

- In this stage the teacher has to collect information language and set questions.
- A Large numbers of questions Papers are set according to syllabus and its telling schedule.
- Those question Papers are stored in web sit and are programmed to be delivered to students at particular time.

Scheduling – (Only for testing)

Scheduling is the stage in which teacher has to fix time for teaching a particular lesson and also to conduct

- a) tests
- b) Debate
- c) Seminar
- d) Discussion
- e) Presentation
- f) Issue of Assignment etc.

It is a bit complicated process and it is Similar to the dairy maintained by the teacher in schools.

❖ Executing (Real teaching time)

In this stage the tests, Seminars, debates, interview, viva etc are conducted according to the scheduled time & date.

❖ Evaluation:

Which Setting up a question Paper teacher most prepare its answers paper simultaneously and store it in website and it is programmed for automatic evaluation so as soon as the students completes that correction will be followed. Immediately and with in few minutes answer / results will be announced in the email ID's of students.

❖ Feed back:

It will be done by the teacher individually to each students according to their results obtained through that chat or through mains.

EVALUATION TECHNIQUES:

E-Mail Based Evaluation:-

The e-mail used to exchange the information in the form of documents and files between persons using this teachings question may be send to the turners and the Learners may end their answers to the examiner/ teacher through Email.

Video-Conference Based Evaluation:-

In this technique the images of both examiner and examiner will appear on the monitor and both will exchange the questions answers and explanations etc in a live telecast manner.

Chat Based evaluation:-

In this technique the questions and answers are exchanged instantaneously between the

examiner or teacher and the Learner.

Web Based evaluation:-

In these techniques the student individually accesses the tab items available in the website and sends their answer to the same web site.

Challenges:-

As an emerging trend we have to face come challenges during the implementation of online evaluation feelings like.

- Need of infrastructure facilities like well equipped reparably internal Laboratory.
- Need of a reparable website.
- Need of trained teacher in various applications of the internet
- Need to provide adequate training to students in the basic skills related to the operation of computer & internet.
- Need to develop the required soft were far the specific online evaluation techniques.
- Negative attitude against the haw approaches.
- Lack of adequate umbers of experts for planning implementation.

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Geetha C.

Assistant Professor, Department of Education, Kuvempu University,
Shankaraghatta, Shivamogga Dist. Karnataka.

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