

PROGRAMMED INSTRUCTION
BY
SHABNAM ARA YESMIN
LECTURER (FULL TIME CONTRACTUAL)
DEPT. OF EDUCATION
SERAMPORE COLLEGE

Programmed instruction

- It is a method of giving individual instruction in which the student is active and proceeds at his own pace and is provided with immediate knowledge of result.
- “programme Instruction is a method of individualized instruction , where each individual learns by himself at his own rate .Programme instruction consists of elements of new knowledge called ‘steps’ which are arranged in a sequence in such a way that a student can easily learn by him .

-----R.C.DAS (1993)

CHARACTERISTICS OF PROGRAMMED INSTRUCTION

- Programmed instruction is a process in which the motivation of the student is enhanced.
- Here contents are broken down into pieces of instructions called frames, a frame contains statements and questions.
- Learners read the frame and immediately answer a question about the frame.

FUNDAMENTAL PRINCIPLE OF PROGRAMMED INSTRUCTION

1. Principle of small steps:
2. Principle of activity responding:
3. Principle of self-pacing:

ADVANTAGES OF PROGRAMMED INSTRUCTION

- It helps the student to progress at his own speed. An intelligence needs no longer to be bored or allowed to lose interest on account of his slow progress of other learners of the class .He can make a progress as he able.
- Learning materials in a programmed instruction is presented in such a way that learning became an interesting game and the learner is motivated to meet the challenges set by his own capabilities.
- Programmed instruction enable teacher to diagnose the problems of individual learner.

TYPES OF PROGRAMMED INSTRUCTION

Programmes instructions are of three types---

- Linear programming
- Branching programming
- Mathetics programming

Linear programming

- In this programme, learning materials is presented into a series of small steps (frames).
- Answer are usually filling in blanks.
- Feedback is in the form of the correct answer.

For example:

- Words are divided into classes. We call the largest class nouns. Nouns are a class of _____. (words)
- In English the class of words called nouns is larger than all the other _____ of words combined.
(classes)

Branching programming

- Each frames usually presents more text than the linear frame.
- The learner is required to select one right answer out of several responses presented to him.
- Here the learner moves forwarded if his responses are correct otherwise he does not.

e.g. –1. The most appropriate meaning of learning is

- (a) personal adjustment
- (b) modification of behaviour
- (c) inculcation of knowledge
- (d) acquisition of skills

Mathetics Programming

- The word 'mathetics' is derived from the Greek word 'mathein' which means to learn.
- It is useful for higher classes.
- e.g.- what is the square of :
- (a) 25?.....
- (b)35?.....

THANKYOU