

# ASSIGNMENT

**Group No:**

02

**Subject:**

Educational psychology

**Topic:**

- Educational psychology and teaching
- Objectives for learning.

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# **Introduction to Psychology**

## **Definition of Psychology:**

Psychology is the scientific study of mind and behavior. The word “psychology” comes from the Greek words “psyche,” meaning life, and “logos,” meaning explanation.

Psychology is the positive science of human experience and behaviour.

Psychology is a field of study which seeks scientific methods to describe, understand, predict and control the behaviour of living organisms. Literally psychology means the science of mind.

## **Educational psychology:**

Educational psychology involves the study of how people learn.

Such a student outcome, the instructions process, individuals difference in learning, and learning disabilities.

Education and psychology are interdependent. One psychologist said that I did not understand how a teacher could teach without the knowledge of education Psychology. Psychology had changed the spirit of education and it gives new meaning to learning in classroom.

educational psychology is concerned with educational process from birth to death of an individual. Its scope is very wide concerned in the areas of the learner's developmental characteristics, individual differences, intelligence, personality and mental health.

Psychology also changed the old concept of education where only upper class had the ability and right to learn. Psychology gives education the theory of individual differences that every child has different mental ability and learns with different pace. Today in modern era, education psychology is the foundation of education. Psychology effect education in every field of teaching learning process.

- **Educational psychology and teaching:**

Today, psychological knowledge is used to ground reforms in teaching and schooling, particularly the call for teaching for understanding. Current standards for teacher certifications and licensure and suggestions for reform in teacher education assume that teachers will have a deep and generative understanding of learning, development, motivation, and individual differences.

the main purpose of educational psychology is to help us understand people and to improve the quality of human lives. The results of psychological research are relevant to problems such as learning and memory, homelessness, psychological disorders, family instability, and aggressive behavior and violence.

It is a branch of general psychology which deals with various aspects of psychological factors affecting education, teaching and learning processes. It describes and explains the learning experiences of an individual from birth through old age. Its subject matter is concerned with the

conditions that affect learning. Educational psychology can be regarded as an applied science in that it seeks to explain learning according to scientifically determined principles and facts concerning human behaviour. In the light of available data, educational psychologists attempt to discover.

- i. the extent to which the factors of heredity and environment contribute to learning.
- ii. the nature of the learning process.
- iii. the educational significances of individual differences in rate and limit of learning.
- iv. the inner change that occur during learning.
- v. the relation of teaching procedures to leaning outcomes.
- vi. the most effective techniques for evaluating progress in learning.
- vii. the relative effect upon an individual of formal learning as compared with incidental or informal learning experiences.
- viii. to value the scientific attitude towards education and
- ix. the psychological impact upon learners attitude of sociological conditions.

### **Educational Psychology and Teaching-Learning Process:**

Educational psychology has contributed considerably in the creation of teaching-learning environment. It is helpful in understanding the learners, learning process, instructional strategies and provides basis for the selection of appropriate methods, techniques, approaches, tools to satisfy and fulfil the need of learners that results in better learning. With the help of educational psychology teacher is able to create positive learning environment in the classrooms resulting in effective learning.

- **Learning objectives:**

The educational psychology plays an important role in making learning easy, joyful and interesting process. Likewise also conflict management strategies may be used in teaching-learning leading towards better ways of delivering information to the learners in the classroom.

it is concerned with the scientific study of human learning, including both cognitive and behavioral aspects. According to Skinner “*educational psychology is the branch of psychology which deals with teaching and learning*”

Learning objectives are as follows.

### **Know Your Learner:**

Learner is central in the teaching-learning process. Educational psychology helps the teacher to know about learning capacity, interest, attitudes, aptitudes, creativity, intelligence, covert-overt behaviour, motivation and the other acquired or innate capacities and abilities of the learners. It also helps to know the stages of development linked with social, emotional, intellectual, physical, mental and aesthetic needs, to know level of aspiration, conscious and unconscious behaviour, individual and group behaviour, conflicts, desires and other aspects mental health and hygiene. In this way guidance can be provided and positive attitude towards the learner on the part of the teacher can be developed.

## **Dealing with Diverse Learners:**

Educational Psychology helps the teacher to adapt and adjust his teaching according to the level and need of the diverse learners. For effective teaching-learning the teacher must have the knowledge of the various approaches, methods, principles, laws and factors affecting it.

## **Knowledge of Individual Differences:**

No two persons are exactly alike. Learners differ in their level of intelligence, aptitudes, attitude, interest, creativity etc. There are gifted, under achievers, slow learners, backward, differently able learners. Thus, educational psychology helps the teacher to know the individual differences among the learners in the class and the procedures accordingly, methodology and techniques can be adopted for them to deal with differences.

## **Suitable Methods of Teaching:**

Educational Psychology helps educationists to discover various new approaches, principles, methods and techniques of teaching which are helpful in today's teaching-learning process. It helps the teachers to select appropriate teaching methods and how different activities like play, drama, skits, groups discussion, demonstrations, multimedia enabled teaching enhances the teaching level and how other innovative methods can turn learning into an interesting task.

## **Need Based Curriculum:**

Curriculum is an integral part of the teaching-learning process. Curriculum should be learner-centered and fulfill the motives, psychological needs of the individual. It provides a basis for understanding of learners' needs, attitude, and teaching-learning process. It forms the basis for the methods, materials and activities of learning.

## **Assessment and Evaluation:**

Assessment plays a major role in student learning and developing their motivation to learn. It is based on clear learning goals. Evaluation is a central part of the teaching-learning process. How to test the potentialities of the child depends upon the evaluation techniques. Student skill, knowledge, competency and ability are best measured with assessment processes based on psychological science with well-defined standards for quality and fairness. Formative and summative assessments need to be evaluated for both reliability and validity, helps teacher in proper assessment and evaluation of learners to know their understanding of subject.

## **Conclusion:**

Educational psychology has contributed considerably in the creation of the modern system of education. It has helped teachers and administrators to develop an impartial and democratic attitude towards learners and helps them into integrated personalities. Educational psychology is of prime importance in addressing the future needs of the education system as the complexities are increasing day by day so it is an effective way to cope up with them. Its role is central to know and deal about the problems related to the learners such as stages of development, to know about the learner, in fostering classroom environment, about individual differences, to identify children with special needs, tackling classroom problems, skills & interest in teaching, effective methods of teaching, influence of heredity & environment on the child, mental health of the child, procedure of curriculum making, guidance & counselling, assessment & evaluation, in maintaining positive creative discipline, educational psychology & research, in facilitating context, socialization in classroom and professional growth, changing attitude and innovative thinking of teachers. Conflict management helps in making learning congenial social learning environment which results in effective learning and high academic achievement.