

# CLASS – 11

## PSYCHOLOGY

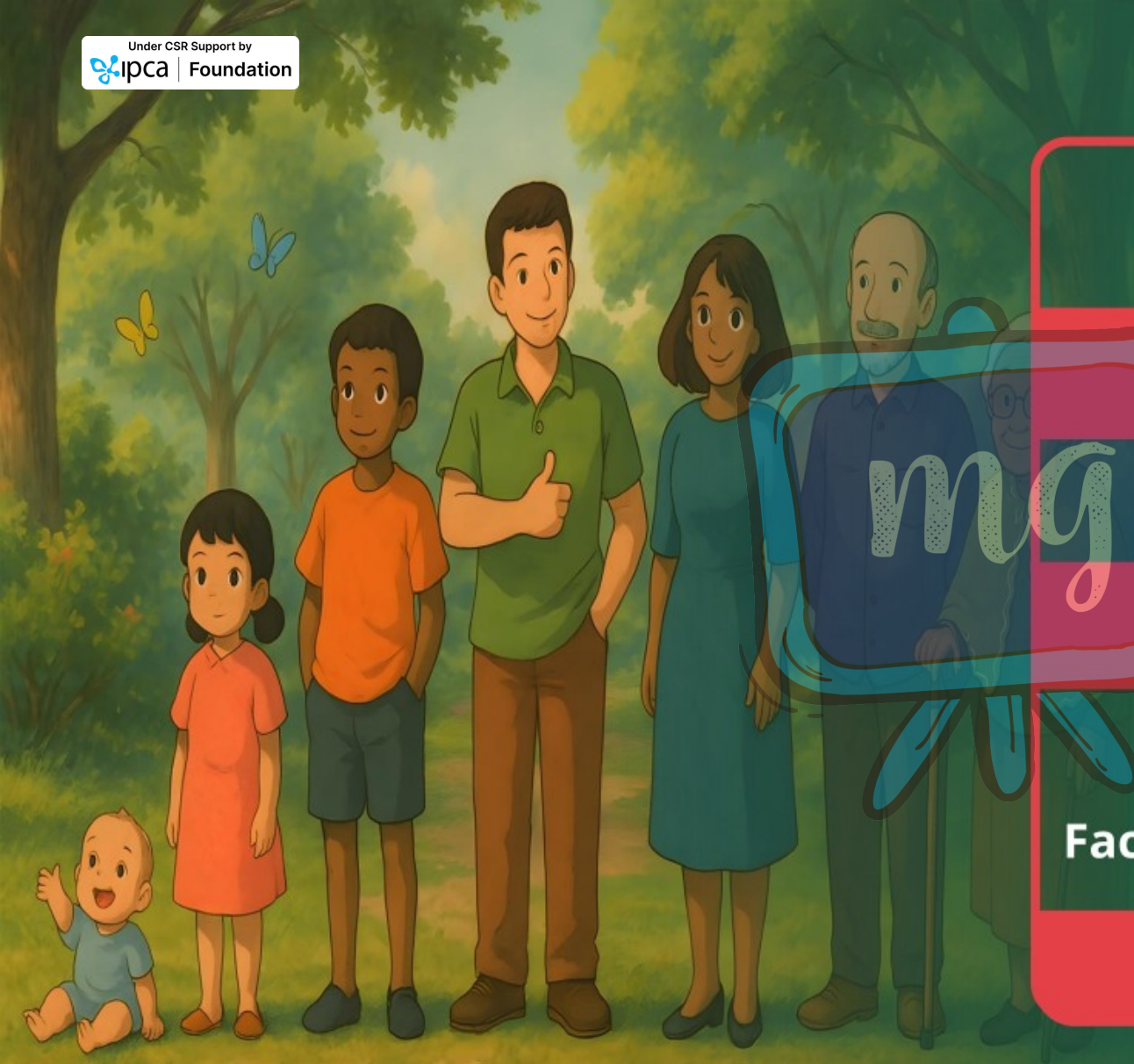
### Chapter – 3

### Human Development

#### Part – 2

### Factors Influencing Development

Sonal Koul





1. Introduction

2. Life Span Perspective

3. Factors Influencing Development

4. Context of Development

5. Brief of Developmental Stages

6. Prenatal Stage

7. Infancy and Childhood

8. Adolescence

9. Adulthood and Old Age

# FACTORS INFLUENCING DEVELOPMENT



mg  
Heredity

Environment

Genotype  
vs  
Phenotype



1.

## HEREDITY

- Transmission of physical & psychological traits from one generation to the next.
- Governed by genes. BLUEPRINT
- Principle of Heredity: Traits are passed through a biological mechanism across generations.

2.

## ENVIRONMENT

- AVG.
- Includes all external conditions affecting development (family, culture, education, etc.)
  - Shapes how inherited traits express themselves.
- Sandra Scarr
- BOTH



3.

## GENOTYPE VS PHENOTYPE

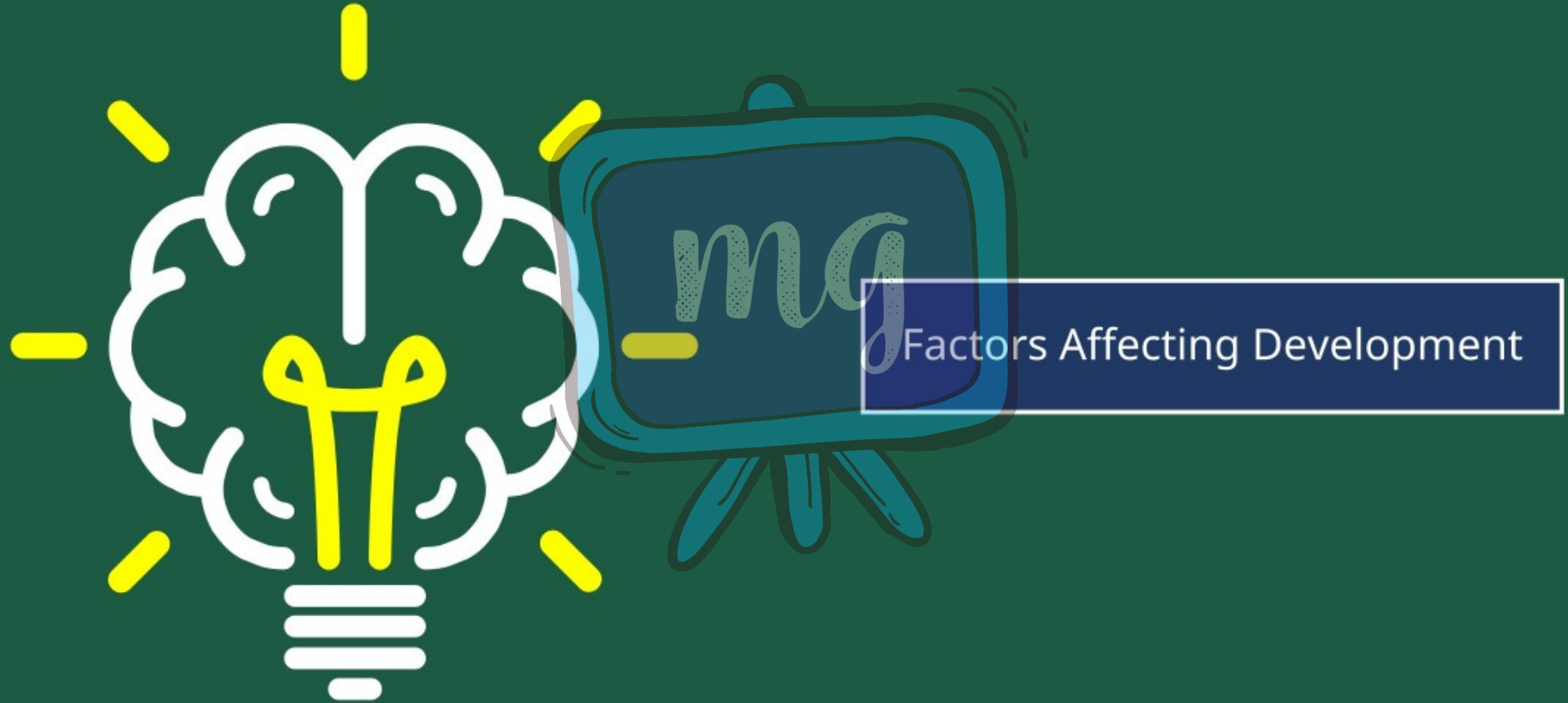
VS

GENOTYPE

PHENOTYPE

■ **Genotype** : Genetic makeup (inherited potential).

■ **Phenotype** : Observable traits (result of genotype + environment).



1

What is the term for the observable traits that result from the interaction between genes and the environment?

- ☐ A Genotype
- ☐ B Chromosome
- ☐ C Phenotype
- ☐ D DNA



2

Which of the following is an example of environmental influence on development?

A

Eye color inherited from parents

B

Blood type

C

Language spoken at home

D

Genetic disorders