
**Principal Features**

**Key Issues and Research Designs**

**Question:** What is developmental psychology? (72)

**Issues in Developmental Psychology**

- NATURE OR NURTURE?

**Question:** What's the meaning of the following statement?

"The impact of nature and nurture underpins many of the issues (in developmental psychology)." (72-73)
Question: What is the issue of stability and change in developmental psychology?

Question: What is the issue of continuity or discontinuity in developmental psychology?

Developmental Theories

"Most developmental psychologists have a theoretical orientation … "

Question: What is the psychoanalytic theoretical orientation to child development?
**BEHAVIORISM.**

*Question:* What is the behavioristic theoretical orientation to child development?

**COGNITIVE THEORY.**

*Question:* What is the cognitive theoretical orientation to child development?

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**Research Designs**

"Good researchers know that the method they use to study a problem often influences the results."

*Question:* What is a *cross-sectional research design*?
Research Designs
(Continued)

Question: What is a longitudinal research design?

"Each research design has its advantages and disadvantages."

[Examples] Advantages and disadvantages of cross-sectional and longitudinal research designs.

Physical Development

Prenatal Development

Question: What is a zygote?
Harmful Environmental Effects

"... the quality of the life support system provided by the mother does influence the embryo and fetus from conception until birth."

Question: What's the meaning of the following statement?

"The developing child is especially vulnerable in certain critical periods ..."

Question: What are teratogens?
Newborns Come Well Equipped

**GROWTH.**

**Question:** When is the *infancy* period in child development? (78)

**Question:** When is the pattern of growth called the *cephalocaudal trend*?

**Question:** When is the pattern of growth called the *proximodistal trend*?
GROWTH.
(Continued)

Question: When are the major achievements in motor development in the first two years?

NEWBORNS' REFLEXES.

"Babies are born with innate primary reflexes—unlearned responses to stimuli."

Question: What is the Babinski reflex?

Question: What is the Moro reflex?

Question: What is the rooting reflex?

Question: What is the sucking reflex?

Question: What is the grasping reflex?
INFANT PERCEPTION: FANTZ’S VIEWING BOX.

"A mountain of research on infant perception shows that newborns have surprisingly well-developed perceptual system."

"Robert Fantz (1961) did some of the earliest work on infant perception."

THE VISUAL CLIFF.

"Walk and Gibson conducted a classic developmental research study in 1961. They devised the visual cliff method to determine the extent of infants' depth perception."

[Evidence] Infant perception. (80)

[Evidence] Infant depth perception. (81)
Complete the following:

"Newborns enter the world with the ability to … (81)

"… (their) development is strongly shaped by …

"Without proper and varied perceptual experiences, brain development is … (82)

Question: What's the meaning of the following statement?

"… newborns and infants (are) not passive vessels …"

The Development of Thought

"… the 20th century's leading researcher and theorist on cognitive development of children and adults was Jean Piaget …"

Jean Piaget's Insights

Question: When, according to Jean Piaget, does the fundamental development of all cognitive abilities take place?
Jean Piaget's Insights
(Continued)

**Question:** What's the meaning of the following statement?

"Piaget's theory focuses on how people think instead of on what they think … "

(82-84)

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**PIAGET’S CENTRAL CONCEPTS.**

**Question:** What was Piaget's concept of a schema?

(84)


**Question:** What was Piaget's concept of adaptation?
Question: What was Piaget's concept of assimilation?

[Examples] Assimilation and accommodation.

Question: What was Piaget's concept of accommodation?

Question: What's the meaning of the following statement?

"Piaget asserts that children are … active in their own cognitive development."

"Four stages of cognitive development are central to Piaget's theory."
THE SENSORIMOTOR STAGE.

Question: What was Piaget's sensorimotor stage of cognitive development?

Question: What was Piaget's concept of object permanence?

[Illustrations] Sensorimotor stage.
THE PREOPERATIONAL STAGE.

Question: What was Piaget's preoperational stage of cognitive development?

Question: What was Piaget's concept of egocentrism?

Question: What was Piaget's concept of decentration?

[Illustrations] Preoperational stage.
THE CONCRETE OPERATIONAL STAGE.

Question: What was Piaget's **concrete operational stage** of cognitive development?

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Question: What was Piaget's concept of **conservation**?

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[Illustrations] Concrete operational stage.
THE FORMAL OPERATIONAL STAGE.

Question: What was Piaget's formal operational stage of cognitive development?

Illustrations] Formal operational stage.

Evidence] Children's understanding of danger.
PUTTING PIAGET IN PERSPECTIVE.

[Commentary] The value of Piaget's research to parents, educators, and psychologists.

ECOLOGICAL SYSTEMS THEORY.

**Question:** What is Urie Bronfenbrenner's *ecological systems theory*? (89)

Vygotsky's Sociocultural Theory:
An Alternative to Piaget

**Question:** What is Lev Vygotsky's sociocultural theory of thought and language? (89-90)
Theory of Mind

Question: What is the concept of theory of mind?

Thought in a Social Context

"Does growing up in an enriched environment facilitate learning and discovery?"

[Illustration] Project Head Start.

Moral Reasoning

Complete the following:

"From childhood on, individuals develop morality—a system of learned ..."
Moral Reasoning

Question: How does the development of morality fit into Jean Piaget's theory of cognitive development?

[92-93]

Question: What is Lawrence Kohlberg's theory of moral development?
■ MEN AND WOMEN: CAROL GILLIGAN'S WORK.

Question: What is Carol Gilligan's theory of moral development? (93-94)

[Illustrations] The application of Carol Gilligan's theory of moral reasoning. (94-95)

The Growth of Emotions

Attachment: the Ties That Bind

Question: What is attachment?
■ BONDING.

Question: What is bonding? (95-96)

[Examples] Bonding.

■ ATTACHMENT IN INFANTS.

Question: What is the psychological importance of attachment? (96)

[Evidence] Attachment. (96-97)
WHAT ABOUT CHILD CARE?

"Child-care situations are becoming increasingly diverse as parents seek alternative arrangements for their children …"

[Evidence] Effects of child-care practices. (97-98)

EVOLUTIONARY PERSPECTIVES.

Question: What are the evolutionary perspectives of newborn attachment to a caregiver? (98)
Temperament

Question: What is temperament?

[ Evidence ] Influences on the expression of temperament.

Social Development

Early Social Development and Child Rearing

- THE ROLE OF FATHERS.

"A father's involvement is important … "

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Early Social Development and Child Rearing

[Page]

[Evidence] Influence of fathering. (102-103)

THE FIRST TWO YEARS.

Question: What happens to children's social development in the first two years? (103)

Sharing.

Question: What are the observations on the relationship of sharing and child development? (103-104)
Gender Roles

Question: In what ways have gender roles changed with respect to child development?

Erik Erikson and the Beginning of the Search of Self

Question: How did the psychoanalyst Erik Erikson describe the challenges of social development and self-understanding?