



TEXTBOOK TESTBANKS

Test Bank for Child and Adolescent Development in Context 2nd Kuther

TEST BANK SAMPLE PREVIEW

PUBLISHER

Sage

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2026

RESOURCE TYPE

Test Bank

ISBN

9781071913321

*Test Bank for Child and Adolescent
Development in Context 2nd Edition by
Kuther*

ISBN: 9781071913321

Child and Adolescent Development in Context (2nd)

ISBN 9781071913321 | Chapter 1: Introduction to Child Development: Themes, Theories, and Research

Total Questions: 110

Easy

Multiple Choice (26)

Q1. [Multiple Choice]

Which is the scientific study of human development from conception to death?

- a) **Developmental science ✓ correct**
- b) Physical development
- c) Cognitive development
- d) Socioemotional development

Q2. [Multiple Choice]

Which is the maturation of thought processes in order to obtain knowledge and solve problems?

- a) Developmental science
- b) Physical development
- c) **Cognitive development ✓ correct**
- d) Socioemotional development

Q3. [Multiple Choice]

Which describes socioemotional development?

- a) The scientific study of human development from conception to death
- b) **The maturation in emotions, social abilities, self-understanding, and interpersonal relationships ✓ correct**
- c) The maturation of thought processes and the tools that we use to obtain knowledge, become aware of the world around us, and solve problems
- d) The body maturation and growth, such as body size, proportion, appearance, health, and perceptual abilities

Q4. [Multiple Choice]

The nature–nurture debate seeks to understand the influence and interaction of _____.

- a) continuity and discontinuity
- b) conscious and unconscious drives
- c) activity and inactivity
- d) **genetics and environment ✓ correct**

Q5. [Multiple Choice]

Many developmental scientists now believe that the _____ interact with physical and social contexts to aid in human development.

- a) **activities of the child ✓ correct**
- b) genetics of the parents
- c) cognitions of the parents
- d) evolutionary characteristics of the child

Q6. [Multiple Choice]

Continuous change is characterized by _____.

- a) abrupt changes
- b) development unfolding slowly over time ✓ correct**
- c) unconscious motivations
- d) the imitation of behavior

Q7. [Multiple Choice]

Which theory views development as the process of unconscious drives and gratification focusing on specific parts of the body?

- a) Psychosexual theory ✓ correct**
- b) Bioecological theory
- c) Cognitive–developmental theory
- d) Sociocultural theory

Q8. [Multiple Choice]

Social stages, beginning with birth and progressing throughout life, wherein a crisis needs to be resolved are related to which theory?

- a) Dynamic systems theory
- b) Social learning theory
- c) Psychosocial theory ✓ correct**
- d) Behaviorist theory

Q9. [Multiple Choice]

Which theory is interested only in what can be observed and measured in human development?

- a) Psychosocial theory
- b) Behaviorist theory ✓ correct**
- c) Cognitive theory
- d) Dynamic systems theory

Q10. [Multiple Choice]

Which theory compares the human brain to a computer?

- a) Psychosocial theory
- b) Sociocultural theory
- c) Information processing theory ✓ correct**
- d) Psychosexual theory

Q11. [Multiple Choice]

Which stresses that consequences will either increase or decrease the probability that a behavior will occur again?

- a) Operant conditioning ✓ correct**
- b) Observational learning
- c) Classical conditioning
- d) Reciprocal determinism

Q12. [Multiple Choice]

A rewarding or pleasant consequence for a behavior is referred to as _____.

- a) punishment
- b) reinforcement ✓ correct**
- c) context
- d) ethology

Q13. [Multiple Choice]

Which theory proposes that physical and social environments, as well as an individual's thoughts and feelings, influence behavior?

- a) Dynamic systems theory
- b) Bioecological theory
- c) Social cognitive theory ✓ correct**
- d) Cognitive–developmental theory

Q14. [Multiple Choice]

The interaction and influence personal characteristics, behaviors, and environments have on each other in development refers to _____.

- a) behaviorism
- b) information processing
- c) reinforcement
- d) reciprocal determinism ✓ correct**

Q15. [Multiple Choice]

Which theory addresses how infants and children think?

- a) Psychosocial theory
- b) Sociocultural theory
- c) Cognitive–developmental theory ✓ correct**
- d) Behaviorist theory

Q16. [Multiple Choice]

Which theory refers to Darwin's theory in its explanation of human development and the interaction of genetics and environment?

- a) Psychosocial theory
- b) Sociocultural theory
- c) Behaviorist theory
- d) Evolutionary development theory ✓ correct**

Q17. [Multiple Choice]

Which theory integrates constantly changing developmental domains, environment, and maturation?

- a) Cognitive theory
- b) Dynamic systems theory ✓ correct**
- c) Bioecological theory
- d) Social learning theory

Q18. [Multiple Choice]

Which research method utilizes observations, rich descriptions, and interviews with a single individual as its design?

- a) Structured observation
- b) Case study ✓ correct**
- c) Longitudinal design
- d) Correlation

Q19. [Multiple Choice]

Which research method describes a relationship between two variables?

- a) Case study
- b) Experimental
- c) Longitudinal
- d) Correlation ✓ correct**

Q20. [Multiple Choice]

Which research design seeks to test and understand cause and effect relationships?

- a) **Experimental ✓ correct**
- b) Correlational
- c) Case study
- d) Questionnaire

Q21. [Multiple Choice]

What is the main focus of Erikson's psychosocial theory?

- a) emotional reactions to reinforcement
- b) inner sexual drives
- c) **interactions between individuals and culture ✓ correct**
- d) physiological responses to stimuli

Q22. [Multiple Choice]

How does sociocultural theory explain how children learn cultural values?

- a) Reinforcement schedules
- b) Trial-and-error problem solving
- c) Observing others
- d) **Cooperative dialogues ✓ correct**

Q23. [Multiple Choice]

What concept did Bowlby use to explain infants' use of crying and smiling to form bonds?

- a) Operant conditioning
- b) Cognitive conflict
- c) **Adaptive behavior ✓ correct**
- d) Equilibration

Q24. [Multiple Choice]

What is a key contribution of evolutionary developmental theory to our understanding of development?

- a) It replaces the need for cognitive theories.
- b) It emphasizes learning through imitation.
- c) **It highlights gene-environment interaction. ✓ correct**
- d) It limits the role of cultural factors.

Q25. [Multiple Choice]

What are the four steps of the scientific method used in developmental research?

- a) **Form a hypothesis, gather information, summarize the information, and interpret and share the findings ✓ correct**
- b) Observe behavior, form a theory, test participants, and write a conclusion
- c) Develop a survey, gather data, predict outcomes, and publish results
- d) Ask a question, review literature, collect opinions, and create a theory

Q26. [Multiple Choice]

What distinguishes naturalistic observation from structured observation?

- a) Structured observation takes place in uncontrolled settings
- b) Naturalistic observation allows researchers to manipulate stimuli
- c) **Naturalistic observation occurs in real-world environments ✓ correct**
- d) Structured observation is only used with animals

True/False (4)

Q27. [True/False]

Development stops after adolescence.

- a) True
- b) False ✓ correct

Correct answer: False

Q28. [True/False]

Freud's psychosexual theory is widely accepted in developmental science today.

- a) True
- b) False ✓ correct

Correct answer: False

Q29. [True/False]

Researchers often repeat studies through replication to determine whether findings are consistent.

- a) True ✓ correct
- b) False

Correct answer: True

Q30. [True/False]

Researchers must clarify to participants that their role is to gather information, not to provide counseling.

- a) True ✓ correct
- b) False

Correct answer: True

Medium

Multiple Choice (43)

Q31. [Multiple Choice]

Which is an example of socioemotional development?

- a) A child putting together a puzzle
- b) An infant's growth chart
- c) An infant's smile when happy ✓ correct
- d) An infant grasping a rattle

Q32. [Multiple Choice]

Researchers are conducting a long-term study to see how problem-solving skills change over time from elementary school to high school. Which domain of development are the researchers most likely studying?

- a) Personality
- b) Physical
- c) Socioemotional
- d) Cognitive ✓ correct

Q33. [Multiple Choice]

Jan is moody and is experiencing changes in her relationships with her parents and friends. These changes are part of the _____ domain of development.

- a) socioemotional ✓ correct
- b) cognitive
- c) physical
- d) personality

Q34. [Multiple Choice]

Carlos is taking his new baby to the pediatrician for a well checkup. The doctor begins by weighing the baby. Then she proceeds to check her head size and length before discussing food intake and sleep habits. Which domain is the pediatrician assessing?

- a) Continuous
- b) Physical ✓ correct**
- c) Discontinuous
- d) Cognitive

Q35. [Multiple Choice]

As Moira reflects on her childhood, she can see where the values she learned as a child are influencing how she is raising her own children. This is one example of _____ influencing development.

- a) cognition
- b) growth
- c) nature
- d) context ✓ correct**

Q36. [Multiple Choice]

Which inference can be drawn from early experiences with stepping and standing?

- a) A child may walk earlier than normal due to environmental conditions that can speed up the maturation process. ✓ correct**
- b) A child may walk earlier than normal due to genetic conditions that can speed up the maturation process.
- c) A child may walk later than normal due to genetic conditions that can speed up the process.
- d) A child's ability to walk is solely genetic and not affected by environmental conditions.

Q37. [Multiple Choice]

Nature is to nurture as _____.

- a) conscious is to unconscious
- b) working memory is to long term memory
- c) genetics is to environment ✓ correct**
- d) thinking is to environment

Q38. [Multiple Choice]

A researcher interested in how genetics interact with all aspects of a human being's environment would focus on _____.

- a) the activity and inactivity of human behavior
- b) continuous and discontinuous change
- c) conscious and unconscious motivations
- d) the interaction between nature and nurture ✓ correct**

Q39. [Multiple Choice]

Which is an example of a discontinuous change?

- a) Crawling
- b) Problem-solving
- c) A growth spurt ✓ correct**
- d) Working memory

Q40. [Multiple Choice]

Freud's theory of development differs from other theories in that it focuses on _____.

- a) behavior that can be seen and measured
- b) gratification of sexual pleasure ✓ correct**
- c) the interaction of systems
- d) a consequence for an action

Q41. [Multiple Choice]

One way classical conditioning differs from operant conditioning is that _____.

- a) operant conditioning involves involuntary responses
- b) operant conditioning involves a neutral stimulus
- c) classical conditioning involves a reward for good behavior
- d) classical conditioning involves physiological responses ✓ correct**

Q42. [Multiple Choice]

A child who imitates another person's behavior is exhibiting _____.

- a) cognitive schemas
- b) observational learning ✓ correct**
- c) ethology
- d) reciprocal determinism

Q43. [Multiple Choice]

A scientist interested in studying factors such as funding and school resources is looking at which system within the bioecological systems theory?

- a) Exosystem ✓ correct**
- b) Microsystem
- c) Chronosystem
- d) Mesosystem

Q44. [Multiple Choice]

How is the cultural value of free speech classified in Bronfenbrenner's bioecological theory?

- a) Macrosystem ✓ correct**
- b) Mesosystem
- c) Chronosystem
- d) Exosystem

Q45. [Multiple Choice]

Information processing theory compares the human brain to a _____.

- a) puzzle
- b) computer ✓ correct**
- c) camera
- d) maze

Q46. [Multiple Choice]

How is a family's physical displacement from a natural disaster classified in Bronfenbrenner's bioecological theory?

- a) Macrosystem
- b) Microsystem ✓ correct**
- c) Chronosystem
- d) Exosystem

Q47. [Multiple Choice]

Which criticism of Bronfenbrenner's bioecological theory is implied in its structure?

- a) **Measurement of all contexts is not possible, implying validity issues ✓ correct**
- b) Culture does not play a part in influencing development, implying sociocultural issues
- c) Genetic and biological factors are not considered, implying nature issues
- d) Everyday contexts are not taken into consideration, implying reliability issues

Q48. [Multiple Choice]

A researcher studying the emergence of new abilities by focusing on the interplay among children's biological maturation, their contextual circumstances, and their unique goals would be using _____.

- a) cognitive–developmental theory
- b) social learning theory
- c) information processing theory
- d) **dynamic systems theory ✓ correct**

Q49. [Multiple Choice]

Researchers want to ensure that they collect actual differences in responses among children, not different interview styles. They conclude that they should use a(n) _____ interview.

- a) open–ended
- b) naturalistic
- c) **structured ✓ correct**
- d) random

Q50. [Multiple Choice]

Which would be considered a physiological measure to use in a study?

- a) Hair color
- b) Beneficence
- c) **Heart rate ✓ correct**
- d) Responsibility

Q51. [Multiple Choice]

Assessing multiple cohorts over time is an example of which research design?

- a) Correlational
- b) **Sequential ✓ correct**
- c) Longitudinal
- d) Cross–sectional

Q52. [Multiple Choice]

Which researcher is using random assignment?

- a) The researcher places participants into groups based on their age.
- b) **The researcher has participants placed into the experimental and control groups by chance. ✓ correct**
- c) The researcher places participants into groups based on their level of illness and need.
- d) The participants choose which group they want to be included in.

Q53. [Multiple Choice]

Which distinguishes the independent variable from the dependent variable?

- a) The independent variable is the control.
- b) **The independent variable is manipulated. ✓ correct**
- c) The independent variable is measured.
- d) The independent variable is randomly selected.

Q54. [Multiple Choice]

Experimental research is different from correlational research because experimental research _____.

- a) is used to determine a cause and effect relationship ✓ correct**
- b) is used to determine if there is a relationship between variables
- c) describes naturalistic observation
- d) only employs longitudinal designs

Q55. [Multiple Choice]

A researcher wants to do a cross-sectional research design with children 4, 6, and 8. Which statement would you classify as appropriate for this methodology?

- a) The researcher studies her participants at one point in time. ✓ correct**
- b) The researcher will see her participants every year for a period of 5 years.
- c) The researcher will only use a single individual and study their experience.
- d) The researcher's proposed design should be conducted sequentially.

Q56. [Multiple Choice]

Which of the following describes a unique challenge faced by applied developmental scientists?

- a) Balancing scientific rigor with protecting participant welfare ✓ correct**
- b) Ignoring social context to focus on biological development
- c) Relying exclusively on quantitative methods
- d) Studying only adults in controlled settings

Q57. [Multiple Choice]

A researcher is focused on the respect for autonomy principle in the ethical code of conduct; therefore, that researcher _____.

- a) reports all data accurately
- b) vows to do no harm
- c) ensures participants are debriefed
- d) has participants sign an informed consent ✓ correct**

Q58. [Multiple Choice]

Researchers following the ethical principle of responsibility to participants and society would be interested in _____.

- a) reporting all data accurately ✓ correct**
- b) vowing to do no harm
- c) ensuring that all participants have access to benefits
- d) having informed consent forms signed

Q59. [Multiple Choice]

Which statement would you classify as justice in terms of research ethics?

- a) An informed consent must be obtained for every participant, especially vulnerable populations.
- b) Participants must be afforded the same consideration and benefits no matter which group they are selected to participate in. ✓ correct**
- c) Scientists must promise that they will not do any harm to any participants during the research study.
- d) Scientists must be accurate and honest reporting data even if the results are unexpected.

Q60. [Multiple Choice]

What is an example of respect for participant autonomy?

- a) The risks and benefits of research participation are spread equitably across individuals and groups.
- b) Researchers should consider children's capacity for decision making by seeking child assent. ✓ correct**
- c) Parents should make research decisions regardless of their children's preferences.
- d) Participants should be required to complete the study once they are enrolled.

Q61. [Multiple Choice]

Why does applied developmental science require a multidisciplinary approach?

- a) Development is influenced by biological, psychological, social, and cultural factors. ✓ correct**
- b) Development is characterized by socioemotional changes over time.
- c) It focuses primarily on academic fields that require complex study designs.
- d) It limits research to a single academic discipline.

Q62. [Multiple Choice]

Developmental cascades can be described as _____.

- a) changes in one area of development that influence changes in others ✓ correct**
- b) development that occurs in clearly defined and separate stages
- c) independent social and physical changes
- d) language development that is unaffected by physical growth

Q63. [Multiple Choice]

What role does temperament and appearance play in a child's development?

- a) They have little direct influence on development.
- b) They can influence how caregivers interact with the child. ✓ correct**
- c) They determine the child's exact path of development.
- d) They only affect physical development, not social development.

Q64. [Multiple Choice]

What is one reason developmental scientists study group averages despite recognizing individual differences?

- a) To assume all children are the same
- b) To understand typical developmental milestones for most children ✓ correct**
- c) To ignore children who develop differently
- d) To draw conclusions about how development is predetermined by genetics

Q65. [Multiple Choice]

What distinguishes behaviorist theories from psychoanalytic theories?

- a) Behaviorist theories examine dreams and unconscious desires.
- b) Behaviorist theories study internal drives.
- c) Behaviorist theories focus only on observable behavior. ✓ correct**
- d) Behaviorist theories rely on interviews and self-reports.

Q66. [Multiple Choice]

How do Erikson and Freud's theories differ in their view of development?

- a) Freud saw development as social; Erikson focused on behavior.
- b) Erikson emphasized society and lifespan development; Freud emphasized unconscious drives. ✓ correct**
- c) Erikson emphasized rewards and punishments; Freud emphasized emotions.
- d) Freud focused on learning; Erikson focused on reinforcement.

Q67. [Multiple Choice]

In what way does information processing theory differ from Piaget's theory?

- a) Information processing theory focuses on genetic influence.
- b) Information processing theory uses experimental methods only.
- c) Information processing theory views development as continuous rather than stage based. ✓ correct**
- d) Information processing theory emphasizes language development.

Q68. [Multiple Choice]

What is the primary difference between Piaget's and Vygotsky's views of development?

- a) Piaget emphasized observation; Vygotsky emphasized reinforcement
- b) Piaget viewed learning as passive; Vygotsky viewed learning as active
- c) Piaget focused on independent exploration; Vygotsky focused on social interaction ✓ correct**
- d) Piaget focused on memory; Vygotsky focused on attention

Q69. [Multiple Choice]

What best describes the process of assimilation in Piaget's theory?

- a) Changing existing schemas to fit new information
- b) Ignoring new information that does not match current schemas
- c) Fitting new information into existing schemas ✓ correct**
- d) Forgetting outdated schemas

Q70. [Multiple Choice]

According to evolutionary developmental theory, how are children understood in relation to their genetic and environmental contexts?

- a) Passive recipients of their environment
- b) Actively interacting with their genetic and environmental contexts ✓ correct**
- c) Shaped entirely by biological instincts
- d) Limited by inherited traits

Q71. [Multiple Choice]

Why is scientific research in developmental science considered a cyclical process rather than a strictly linear one?

- a) Because researchers are required to restart studies every five years
- b) Because most studies rely only on observational methods
- c) Because unexpected findings, disagreements, and flaws often lead to new questions and studies ✓ correct**
- d) Because it is difficult to apply the scientific method to real-world settings

Q72. [Multiple Choice]

Why might researchers choose structured interviews over open-ended interviews?

- a) Structured interviews allow more flexibility in questioning.
- b) Structured interviews produce identical responses from all children.
- c) Structured interviews reduce variability caused by interviewer phrasing. ✓ correct**
- d) Structured interviews rely on children's verbal ability.

Q73. [Multiple Choice]

What is one advantage of physiological measures in developmental research?

- a) They are always less expensive than self-report measures.
- b) They are based on verbal reports from children.
- c) They cannot be influenced by the participant's awareness. ✓ correct**
- d) They provide guaranteed emotional interpretations.

True/False (6)

Q74. [True/False]

Children influence their own development by interacting with their environments and shaping their experiences through their actions.

a) True ✓ correct

b) False

Correct answer: True

Q75. [True/False]

Classical conditioning explains how children learn through reinforcement and punishment.

a) True

b) False ✓ correct

Correct answer: False

Q76. [True/False]

Vygotsky emphasized the role of biological maturation as the primary driver of development.

a) True

b) False ✓ correct

Correct answer: False

Q77. [True/False]

Critics of information processing theory argue that its computer-based model may not reflect human cognitive complexity.

a) True ✓ correct

b) False

Correct answer: True

Q78. [True/False]

According to dynamic systems theory, development results from a child's motivation to master their environment.

a) True ✓ correct

b) False

Correct answer: True

Q79. [True/False]

According to evolutionary developmental theory, children are passive recipients of genetic influences.

a) True

b) False ✓ correct

Correct answer: False

Essay (9)

Q80. [Essay]

Briefly explain how middle childhood and adolescence compare to one another.

Suggested answer: Sample response: In middle childhood, children improve their thinking and memory and start building stronger friendships. In adolescence, they go through puberty and begin to think more deeply and abstractly. Friendships become even more important, and they start to focus more on becoming independent and figuring out who they are. Both stages involve growing socially, but adolescence adds big physical and emotional changes.

Q81. [Essay]

Identify a drawback to using naturalistic observation as opposed to structured observation as a method of data collection.

Suggested answer: Sample response: A drawback to naturalistic observation is participant reactivity. This phenomena means that the participants will not act naturally or the way that they would typically act in the researcher's presence.

Q82. [Essay]

What inference can be drawn from using physiological indicators in developmental research?

Suggested answer: Sample response: Physiological indicators such as pupil dilation, perspiration, and heart rate cannot be faked. Cognition, emotions, and behavior all have physiological markers that can be tested, although they may be difficult to interpret.

Q83. [Essay]

What is the function of correlation research design as contrasted with experimental design?

Suggested answer: Sample response: Correlation research design intends to determine if there is a relationship between variables, and if so, to describe this relationship. An experimental design looks for and tests for cause and effect.

Q84. [Essay]

What is the motive for random assignment in experimental research?

Suggested answer: Sample response: Random assignment is an important part of experimental research design. It allows for all participants to have a chance to be in each group. It makes it less likely that preexisting characteristics will influence the outcome of the study.

Q85. [Essay]

What is the difference between a longitudinal and cross-sectional research design?

Suggested answer: Sample response: Longitudinal research designs follow participants for a long period of time while cross-sectional research participants at a single point in time.

Q86. [Essay]

Briefly explain how children can give informed consent to be in a research study.

Suggested answer: Sample response: Children cannot give formal informed consent as they are too young to sign the waiver. Their parents will sign the informed consent, but children can give their consent in another way. Child assent is an agreement given in a conversation between the child and the researcher.

Q87. [Essay]

Differentiate between social cognitive theory and operant conditioning under the behaviorist view of development. Discuss each theory's beliefs and differences.

Suggested answer: Sample response: Consequences play a large role in both operant conditioning and social cognitive theory. A main difference is that social cognitive theory through observational learning incorporates thought processes and the observation of the consequences of a behavior in deciding whether or not to imitate the behavior.

Q88. [Essay]

Compare and contrast Ethology and Evolutionary Developmental theory and Bioecological Systems theory. Discuss how they are similar and how they differ.

Suggested answer: Sample response: Ethology and evolutionary developmental theory both explain development using ideas from evolution. Ethology focuses on inborn behaviors, like a baby crying or smiling to get a caregiver's attention, which help ensure survival. Evolutionary developmental theory also looks at survival, but it adds that development happens through constant interaction between genes and the environment. In contrast, bioecological systems theory focuses less on biology and more on how a child grows through layers of their environment, like home, school, and culture. All three theories agree that context matters, but they differ in how much importance they place on biology, behavior, or environmental systems.

Hard

Multiple Choice (16)

Q89. [Multiple Choice]

Paul's vocabulary and thought processes are improving with development. He plays pretend with his new friends and is getting much stronger physically. Paul has not learned yet how to read and write, but he tells stories and draws pictures to express his thoughts. Which developmental age group does Paul belong to?

- a) Adolescence
- b) Early childhood ✓ correct**
- c) Middle childhood
- d) Infancy and toddlerhood

Q90. [Multiple Choice]

Sophie is at the pediatrician for a check-up. The doctor takes her height and weight, remarking that she has made dramatic increases in both since the last time she was in. He also checks her basic reflexes. The doctor asks her mother if Sophie is interacting with toys and for how long. He continues to assess her motor skills and inquires as to how she is playing. Her mother tells the doctor that Sophie seems to be very interested in exploring and finding new things to interact with so much that it seems there is no slowing her down. Which period of development is Sophie most likely in?

- a) Prenatal
- b) Infancy and toddlerhood ✓ correct**
- c) Early childhood
- d) Middle childhood

Q91. [Multiple Choice]

Jamal is in a contest at school. He needs to answer the question "What does peace look like?" Jamal is able to truly think about what the concept of peace means, not only in his view but in the broader sense of the world at large. Jamal is in the _____ period of development.

- a) continuous
- b) discontinuous
- c) adolescence ✓ correct**
- d) middle childhood

Q92. [Multiple Choice]

Max smiles and coos easily. He sleeps well and eats on a good schedule. When his parents leave him with another caregiver, they ease him into the situation, making sure that he gets used to the new person before they leave. Because of this, Max is confident to keep playing with his toys. He offers a block to the new caregiver with a smile. This offering is an example of _____.

- a) the influence of Max's unconscious motivations for his behavior
- b) the influence Max has on his own development through active engagement ✓ correct**
- c) Max's ability to assimilate or integrate this new experience into a preexisting cognitive schema
- d) Max's emerging physical abilities

Q93. [Multiple Choice]

Connor is visiting the pediatrician. She takes his weight and height. She discusses with his father the gross and fine motor skills that should be emerging for his age group. She encourages Connor and his father to watch for the gradual development of these skills. She also remarks that the steady increase in height and weight is just right since the last time he was in for a check-up. This characterizes which type of development?

- a) Continuous ✓ correct**
- b) Discontinuous
- c) Genetic
- d) Environmental

Q94. [Multiple Choice]

Maya sick after eating leftover potato salad. Now, she feels queasy every time she smells mayonnaise. This illustrates _____.

- a) reciprocal determinism
- b) operant conditioning
- c) structured observation
- d) classical conditioning ✓ correct**

Q95. [Multiple Choice]

Hunter is potty training. His mother gives him a gold star every time he successfully uses the toilet. This illustrates _____.

- a) classical conditioning
- b) observational learning
- c) operant conditioning ✓ correct**
- d) reciprocal determinism

Q96. [Multiple Choice]

Aisha always takes a certain brand of pain reliever since it worked to get rid of her headaches three years ago. She has even recommended it to other people due to its perceived effectiveness in alleviating her pain. Which has taken place with Aisha?

- a) Operant conditioning ✓ correct**
- b) Classical conditioning
- c) Structured observation
- d) Observational learning

Q97. [Multiple Choice]

Four-year-old Martha watched another child get a sucker at the grocery store when he cried. The next time Martha and her father go to the grocery store, Martha decides she wants a sucker. She begins to cry in the hopes that her father will give her a sucker too. Which concept has Martha demonstrated?

- a) Physiological stimulus and response
- b) Pleasure and gratification
- c) Observation and imitation ✓ correct**
- d) Interaction of nature and nurture

Q98. [Multiple Choice]

Rajesh lives with his immediate family. He is a member of Generation Z and interacts on social media daily. The area he lives in has many resources for healthcare and employment. Identify which theory is illustrated by these interactions?

- a) Behaviorist theory
- b) Psychosexual theory
- c) Cognitive–developmental theory
- d) Bioecological systems theory ✓ correct**

Q99. [Multiple Choice]

The research team is setting up a study to help determine matches between participants with autism spectrum disorder symptoms. They will be observing the children from behind a two–way mirror so that they will not disturb the participants playing and interacting with the different objects which have been placed in the room. Both video and sound will be recorded so that they can reflect on these play sessions along with their notes while watching live. They have chosen certain objects that correspond to different autism symptoms to attempt to understand which children seek out which objects. Which method of data collection are these researchers using?

- a) Structured observation ✓ correct**
- b) Naturalistic observation
- c) Structured interview
- d) Open–ended interview

Q100. [Multiple Choice]

Serena is completing a research study on the experience of trauma after a natural disaster. She has chosen to interview and gather information about one individual's response to a hurricane that hit a coastal town. She intends to delve very deeply into this person's life and experience to understand his response to the disaster and the trauma she may have experienced. Serena is using a(n) _____ design.

- a) longitudinal
- b) experimental
- c) correlational
- d) case study ✓ correct**

Q101. [Multiple Choice]

Dr. Ramirez is conducting a study to test if a new medication is effective in treating a sleep disorder. She has three groups of participants: Group 1 receives the regular treatment for their sleep disorder. Group 2 receives the new treatment being tested. Group 3 receives a placebo medication. In order to make sure that her results are not due to any preexisting conditions among participants, she uses _____.

- a) random assignment ✓ correct**
- b) correlational research
- c) reciprocal determinism
- d) child assent

Q102. [Multiple Choice]

Dr. Mohebbian is conducting a study on children's attention to high–pitched sounds. He decides to follow a group of 4 year olds for the next five years. He will meet and test them once each year. Which type of research design is being used?

- a) Cross–sectional
- b) Longitudinal ✓ correct**
- c) Cross–sequential
- d) Case study

Q103. [Multiple Choice]

What is one way that teachers can apply their understanding of child development in the classroom?

- a) They can memorize developmental theories.
- b) They can assign more homework to all students.
- c) **They can create classroom activities that match children's developmental abilities. ✓ correct**
- d) They can avoid emotional topics during class discussions.

Q104. [Multiple Choice]

A child sees another student praised for answering a question and decides to raise their hand. What theory best explains this behavior?

- a) Cognitive–developmental theory
- b) Information processing theory
- c) Sociocultural theory
- d) **Social cognitive theory ✓ correct**

Essay (6)

Q105. [Essay]

Describe the difference between continuous and discontinuous developmental changes and give an example of each.

Suggested answer: Sample response: Continuous development is gradual and steady, like children slowly improving problem-solving skills. Discontinuous development happens in sudden stages, such as the vocabulary “burst” infants experience or the rapid body changes during puberty.

Q106. [Essay]

A psychology class has put together an experimental research design to test for attention to a task. Group 1 is listening to music while putting together a puzzle. Group 2 has a TV on in the background while putting together a puzzle. Group 3 is in a silent room putting together a puzzle. The class observes and measures how long it takes each participant in each group to put together the puzzle. List the parts to this experiment, including the variables and groups.

Suggested answer: Sample response: The dependent variable would be the time it takes to put together the puzzle as it is being measured. The independent variables are both the noise and the TV. Groups 1 and 2 are experimental groups while Group 3 is the control.

Q107. [Essay]

Scientists design a study to test separation anxiety in preschoolers. They decide, after obtaining informed consent from the parents, to also ask each child if they can talk to them before they interview them. Identify what the scientists are engaging in and why.

Suggested answer: Sample response: The scientists are engaging in child assent. This is part of the informed consent process. Since minors are too young to give informed consent but old enough to understand their participation in a study like this one, child assent has been developed to give children their own choice to participate.

Q108. [Essay]

Four-year-old Freya does not want to share her toys during free time at preschool. She cries, screams, and sometimes hits other children. The teacher has explained sharing, but Freya is not responding. Describe what a psychoanalytic theorist and a behaviorist theorist would say to explain and/or to remedy the situation.

Suggested answer: Sample response: A psychoanalytic theorist would say Freya's behavior may come from inner emotional needs or past experiences that are hard for her to express and suggest providing consistent support in a safe environment to manage the exhibited high emotions and behaviors. A behaviorist would focus on how her actions are being rewarded or punished and suggest using consistent consequences to shape her behavior, like praising her for sharing or taking toys away when she hits.

Q109. [Essay]

Provide a detailed description of how you could use operant conditioning to increase the number of times your roommate washes the dishes instead of leaving them dirty in the sink.

Suggested answer: *Sample response: To use operant conditioning to get my roommate to wash the dishes more often, I would use positive reinforcement. Each time they wash the dishes, I could thank them or do something nice in return, like offering to make coffee or share a snack. This pleasant outcome would make it more likely they repeat the behavior. If they leave dishes in the sink, I could remove a benefit, like not inviting them to share dinner, which would be a form of punishment. Over time, the positive response to clean dishes should increase the chances of them doing the dishes more often.*

Q110. [Essay]

Explain the ethical responsibilities of developmental scientists when working with children and families.

Suggested answer: *Sample response: Developmental scientists must protect children and families by avoiding harm, being honest, and clearly explaining their role. They must follow rules that keep participants safe and treat them fairly. Since children can't give legal consent, parents provide permission, and researchers ask children for their agreement, called assent. As children grow, researchers should give more details and involve them more in decisions. Respecting families' rights and being clear, fair, and caring are key parts of doing ethical research.*