Cosmic Development and Space Facts

Developmental Psychology And Space Science · Answer Key · 25 Questions

1. Jean Piaget's theory of cognitive development suggests children move from egocentrism to decentration. Which planet is the fifth from the Sun?

A) Mars
B) Jupiter
C) Saturn
D) Venus

2. In developmental psychology, the 'sensorimotor stage' occurs early in life. Which planet was the first to be discovered using a telescope?

A) Uranus
B) Neptune
C) Mars
D) Saturn

3. Vygotsky emphasized social interaction in learning. What is the name of the largest moon of Saturn?

A) Titan
B) Europa
C) Ganymede
D) Io

4. Object permanence is a milestone in infant development. Which galaxy is the closest large spiral galaxy to the Milky Way?

A) Triangulum
B) Andromeda
C) Whirlpool
D) Sombrero

5. Erikson's stages of psychosocial development span the entire lifespan. Which chemical element is the most abundant in the Sun?

A) Helium
B) Oxygen
C) Hydrogen
D) Carbon

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6. Attachment theory explains emotional bonds. What is the name of the belt of icy objects located beyond Neptune?

A) Asteroid Belt
B) Kuiper Belt
C) Oort Cloud
D) Van Allen Belt

7. The 'critical period' in development refers to windows of high sensitivity. Which planet is known for its prominent ring system?

A) Jupiter
B) Uranus
C) Neptune
D) Saturn

8. Cognitive schema are mental structures. Which planet is nicknamed the 'Red Planet' due to iron oxide on its surface?

A) Mars
B) Venus
C) Mercury
D) Jupiter

9. Conservation tasks measure logical development. Which planet has the highest surface temperature in the solar system?

A) Mercury
B) Mars
C) Venus
D) Jupiter

10. Bronfenbrenner's ecological systems theory includes the 'mesosystem.' What is the name of the galaxy containing our solar system?

A) Andromeda
B) Milky Way
C) Centaurus A
D) Triangulum

11. Theory of Mind typically develops in early childhood. What is the Great Red Spot on Jupiter?

A) A volcano
B) An ocean
C) A storm
D) A crater

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12. The 'nature vs. nurture' debate is central to developmental psychology. Which space agency launched the Hubble Space Telescope?

A) ESA
B) JAXA
C) NASA
D) Roscosmos

13. Language acquisition begins in infancy. Which planet is the smallest in our solar system?

A) Mercury
B) Mars
C) Venus
D) Neptune

14. Identity formation occurs during adolescence. What is the process that powers stars like the Sun?

A) Fission
B) Fusion
C) Combustion
D) Evaporation

15. Moral development is often studied via Kohlberg's stages. What are the two primary gases in the atmosphere of Neptune?

A) Oxygen and Nitrogen
B) Hydrogen and Helium
C) Carbon and Argon
D) Methane and Oxygen

16. Executive function skills develop throughout childhood. Which planet rotates on its side with an axial tilt of 98 degrees?

A) Uranus
B) Neptune
C) Saturn
D) Mars

17. Preoperational thinking involves symbolic play. How many moons does Mercury have?

A) Zero
B) Two
C) One
D) Four

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18. Gross motor skills develop before fine motor skills. What is the name of the star at the center of our solar system?

A) Proxima Centauri
B) Sirius
C) Betelgeuse
D) The Sun

19. Working memory capacity increases with age. Which planet is famous for the Olympus Mons volcano?

A) Venus
B) Mars
C) Jupiter
D) Saturn

20. Self-concept starts forming in toddlers. What is the approximate age of the universe in billions of years?

A) 4.5
B) 9.2
C) 13.8
D) 15.6

21. Attachment styles are often categorized as secure or insecure. Which planet has a day that is longer than its year?

A) Venus
B) Mars
C) Mercury
D) Jupiter

22. Temperament is considered biologically based. What is the primary component of Saturn's rings?

A) Gold
B) Water ice
C) Iron
D) Gas

23. Social referencing is used by infants to gauge danger. Which planet is known for its intense blue color due to methane?

A) Jupiter
B) Neptune
C) Mars
D) Mercury

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24. Metacognition is the ability to think about thinking. Which NASA mission landed humans on the Moon in 1969?

A) Voyager
B) Apollo 11
C) Gemini
D) Mercury

25. Emerging adulthood is a period of exploration. What is the name of the massive black hole at the center of the Milky Way?

A) Cygnus X-1
B) Sagittarius A*
C) Messier 87
D) Crab Nebula

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