

RRB Railway Teacher PGT (PYP)

Q1. Choose the correct statement about development.

- (a) Development is unidirectional and unidimensional.
- (b) Development is modifiable.
- (c) Development is totally genetically programmed.
- (d) Individuals achieve developmental milestones at the same age and pace.

Q2. Which of the following principle of development proposes that children gain muscular control of arms relatively earlier than that of fingers?

- (a) Proximodistal Principle
- (b) Cephalocaudal Principle
- (c) Independence of systems Principle
- (d) Hierarchical integration principle

Q3. Which of the following will help in creating a conducive learning environment in class?

- (a) Providing equal opportunities for participation to all students.
- (b) Making ability-based rigid groups in class.
- (c) Focusing only on high achievers in class.
- (d) Encouraging students to get high marks by any means.

Q4. According to 'The Rights of Persons with Disabilities Act, 2016', the correct way to refer to a person who has limitations in intellectual functioning is-

- (a) mentally retarded
- (b) person with intellectual handicaps
- (c) mentally handicap
- (d) person with an intellectual disability

Q5. Which of the following does not characterize inclusion?

- (a) Welcoming and celebrating diversity.
- (b) Enabling children's self-esteem and confidence to learn.
- (c) Removing physical, social and attitudinal barriers.
- (d) Having separate schools for children with hearing impairment.

Q6. Rajan appears to be lost in his world as he avoids eye contact with others and plays alone with a feather throughout the day. Rajan's behaviour is indicating which of the following disorder?

- (a) Muscular dystrophy
- (b) Autism Spectrum Disorder
- (c) Dyscalculia
- (d) Dysphoria

Q7. Which characteristic is seen among backward learners ?

- (a) Ability to analyse
- (b) Objective - based behaviour
- (c) Desire for vocation of repute
- (d) Inability to express ideas

Q8. In which type of thinking, does a person begin with multiple ideas and reaches “one” solution?

- (a) convergent thinking
- (b) vertical thinking
- (c) brainstorming
- (d) divergent thinking

Q9. Which of the following cannot be achieved by using objective-type test items?

- (a) High degree of reliability
- (b) Objectivity in scoring
- (c) Wide content coverage
- (d) Problem-solving ability

Q10. Behavior indications are used in the learning theory given by

- (a) Kohler
- (b) Hull
- (c) Thorndike
- (d) Skinner

Q11. Conditions of learning were given by-

- (a) Skinner
- (b) Robert Gagne
- (c) Watson
- (d) Maslow

Q12. ‘Education is the dynamic side of philosophy’, this statement was made by -

- (a) Jones Adams
- (b) Jones Dewey
- (c) Pestalozzi
- (d) Plato

Q13. Adjustment means accommodating oneself to various circumstances in order to satisfy-

- (a) others
- (b) motives
- (c) Achieve
- (d) needs.

Q14. Which theory believes that the human mind is like an iceberg mostly hidden and has three levels of Consciousness?

- (a) Trait theory
- (b) Trail error theory
- (c) Psychoanalytical theory
- (d) Behaviourist theory.

Q15. _____ represents a specific time when children are particularly susceptible to certain kinds of stimuli in their environment.

- (a) Sensitive periods
- (b) Explicit periods
- (c) Plasticity duration
- (d) Mental stagnation

Q16. Which of the following belief is good for learning?

- (a) Failure is uncontrollable.
- (b) Ability is improvable.
- (c) Ability is fixed.
- (d) Efforts don't make any difference.

Q17. Conceptual understanding among students is likely to improve In the settings which emphasise on

- (a) inquiry and dialogue.
- (b) competitions.
- (c) textbook-centric pedagogy.
- (d) frequent examinations.

Q18. It Is difficult for children to learn when

- (a) content is represented through multiple ways.
- (b) information is presented disconnected chunks.
- (c) they are intrinsically motivated.
- (d) learning is socially contextualized.

Q19. Theory of multiple intelligence emphasizes that

- (a) There are no individual differences in intelligence.
- (b) Intelligence Quotient (IQ) can be measured only by objective tests.
- (c) Intelligence in one domain ensures intelligence in all other domains.
- (d) There are several forms of intelligences.

Q20. In an Inclusive classroom emphasis should be on

- (a) providing opportunities aiming at maximizing potential of individual children.
- (b) performance oriented goals.
- (c) undifferentiated instructions
- (d) segregation of students based on their social identity.

Q21. _____ is the primary identifying feature of creativity.

- (a) Inattentiveness
- (b) Low comprehension
- (c) Divergent thinking
- (d) Hyperactivity

Q22. Motivation to learn can be sustained by

- (a) focusing on rote-memorisation.
- (b) punishing the child.
- (c) focusing on mastery-oriented goals.
- (d) giving very easy tasks to children.

Q23. Shame _____.

- (a) should be generated frequently in teaching-learning process.
- (b) has no relation to cognition.
- (c) can have negative impact on cognition.
- (d) is very effective to motivate the children to learn.

Q24. Which of the following is most effective mode of teaching-learning

- (a) Imitation and repetition
- (b) Rote memorization of content
- (c) Exploration of relationships between concepts
- (d) Observation without analysis

Q25. Which of the following is not an element of co-operative learning?

- (a) Large group
- (b) Student's interaction
- (c) Interdependence
- (d) Individual and group accountability

Q26. What will be measured through 'Children Apperception Test' administered by a teacher to a group of students?

- (a) Achievement
- (b) Attitude
- (c) Aptitude
- (d) Personality

Q27. 'Sign language' is used for which type of differently abled children?

- (a) Hearing disabled
- (b) Visual disabled
- (c) Locomotor disabled
- (d) Language disabled

Q28. The group- theory of intelligence is given by which psychologist?

- (a) Thorndike
- (b) Thurston
- (c) Spearman
- (d) Thomson

Q29. 'Basal Age' is related to the measurement of.....

- (a) Interest
- (b) Intelligence
- (c) Aptitude
- (d) Attitude

Q30. Dysgraphia is a:

- (a) Reading disability
- (b) Writing disability
- (c) Mathematical disability
- (d) Expressive disability

Q31. How many 'Black and White' cards are included in Rorschach Ink-Blot Test?

- (a) Two
- (b) Three
- (c) Four
- (d) Five

Q32. Which one of the following psychologists is not related with behaviourism?

- (a) Watson
- (b) Skinner
- (c) Hull
- (d) Freud

Q33. According to Erikson's Theory of Psycho-social Development, which stage is related to the age of 6 to 12 years?

- (a) Trust versus mistrust
- (b) Initiative versus guilt
- (c) Autonomy versus shame and doubt
- (d) Industry versus inferiority

Q34. Responses that produce a satisfying effect in a particular situation become more likely to occur again in that situation. This law of learning given by whom?

- (a) Skinner
- (b) Thorndike
- (c) Pavlov
- (d) Watson

Q35. 'The Drive Reduction Theory' of Motivation is given by:

- (a) Hull
- (b) Maslow
- (c) Atkinson
- (d) Richardson

Q36. Sheldon has divided all human beings into different categories on the physical dimension. What is this method of personality study?

- (a) Trait Method
- (b) Psychoanalytic Method
- (c) Type Method
- (d) Basic Instinct Method

Q37. Which of the following is not a learner centered teaching-learning strategy?

- (a) Co-operative learning
- (b) Problem solving
- (c) Lecture
- (d) Project

Q38. Who propounded the ‘Three Dimensional Theory of Intelligence’?

- (a) Stanford
- (b) Sternberg
- (c) Spearman
- (d) Guilford

Q39. Growth and Development are the product of :

- (a) Heredity
- (b) Environment
- (c) Both Heredity and Environment
- (d) None of these

Q40. Which of the following factors affect the physical development of children?

- (a) Geographical Environment
- (b) Nutritious Food
- (c) Endocrine Glands
- (d) All to these

Q41. Which of the following is not an innate motive?

- (a) Hunger
- (b) Sleep
- (c) Pain Avoidance
- (d) Achievement

Q42. The stage of obedience for avoiding punishment is included in which level of morality in Kohlberg’s theory of moral development?

- (a) Pre-conventional Morality
- (b) Conventional Morality
- (c) Post-conventional Morality
- (d) None of these

Q43. Which of the following is not a principle of development?

- (a) Principle of Inter-relation
- (b) Principle of Variation
- (c) Principle of Segregation
- (d) Principle of Direction

Q44. Which of the following pair is incorrect?

Basic Instinct Emotion

- (a) Escape Fear
- (b) Repulsion Anger
- (c) Curiosity Wonder
- (d) Appeal Distress

- (a)a
- (b)b
- (c)c
- (d)d

Q45. A teacher taught to the students that plural of 'girl' is 'girls' with this learning the students make plural of 'woman' is 'woman's'. this is an example of which type of transfer of learning?

- (a) Positive
- (b) Negative
- (c) Zero
- (d) None of these

Q46. Developing creativity in children is related to which dimension of development?

- (a) Physical
- (b) Mental
- (c) Social
- (d) Moral

Q47. Which one of the following is a projective technique of personality measurement?

- (a) Play and Drama
- (b) Interview
- (c) Autobiography
- (d) Observation

Q48. 'Army-Alpha Test of intelligence' is a type of:

- (a) Verbal Group Test
- (b) Non-verbal Group Test
- (c) Verbal Individual Test
- (d) Non verbal Individual Test

Q49. The differences in attitude, interest, achievement and learning style of learner indicate which type of differences?

- (a) Social differences
- (b) Learning differences
- (c) Emotional differences
- (d) Individual differences

Q50. 'A little girl daily changes the clothes of her doll.' According to Piaget's theory of cognitive development, this is called as:

- (a) Behaviourism
- (b) Constructivism
- (c) Humanism
- (d) Animism

Q51. Which of the following is the highest plateau in India -

- (a) Chota Nagpur Plateau
- (b) Deccan Plateau
- (c) Ladakh Plateau
- (d) Baghelkhand Plateau

Q52. Who among the following built the Grand Trunk Road?

- (a) Muhammad bin Tughluq
- (b) Alla-ud-din Khilji
- (c) Sher Shah Suri
- (d) Razia Sultan

Q53. When is World Children's Day observed by UNICEF?

- (a) 20 November
- (b) 27 October
- (c) 14 December
- (d) 14 November

Q54. Who won the 2018 Pulitzer Prize in the Poetry category?

- (a) Kamla (Surraya) Das for *The Looking Glass*
- (b) Patricia Smith for *Incendiary Art*
- (c) Frank Bidart for *Half Light: Collected Poems*
- (d) Evie Shockley for *Semiautomatic*

Q55. Where is the famous Sun temple located?

- (a) Konark
- (b) Varansi
- (c) Jaisalmer
- (d) Ujjain

Q56. Who is the Head of the Government of India?

- (a) Speaker of Lok Sabha
- (b) Vice President
- (c) President
- (d) Prime Minister

Q57. Who was the President of Congress Session of 1924 held in Belgaum?

- (a) Mohandas Gandhi
- (b) NeelamSanjiva Reddy
- (c) Abdul Kalam Azad
- (d) Sarojini Naidu

Q58. Who among the following founded Ramakrishna Mission to carry out humanitarian relief and social work?

- (a) Sri Aurobindo
- (b) Sister Nivedita
- (c) Swami Vivekananda
- (d) Sarada Devi

Q59. Who was the captain of the Indian Hockey team that won the first Olympic Gold medal in Amsterdam in 1928?

- (a) Major Dhyan Chand
- (b) Sardar Singh
- (c) Charanjeet Singh
- (d) Jaipal Singh Munda

Q60. Who is the author of the book 'The prophet'?

- (a) Jalal ad-Din Muhammad Rumi
- (b) Rabindranath Tagore
- (c) Kahlil Gibran
- (d) Leo Tolstoy

Q61. Where will the Summer Olympic Games 2020 be held?

- (a) Paris, France
- (b) Rio de Janeiro, Brazil
- (c) Tokyo, Japan
- (d) Pyeong Chang, South Korea

Q62. What was the Infant Mortality Rate (IMR) (per 1000 live births) in 2016?

- (a) 21
- (b) 45
- (c) 34
- (d) 49

Q63. The Hindustani vocalist, Ashwini Bhide Deshpandy belongs to which one of the following gharanas?

- (a) Patiala
- (b) Jaipur-Atrauli
- (c) Gwalior
- (d) Kirana

Q64. According to Art 75, the council of ministers shall be collectively responsible to the :

- (a) Prime Minister of India
- (b) President of India
- (c) House of the People
- (d) Supreme Court of India

Q65. What was the per capita income in real terms (at 2011-12 prices) during the year 2016-17?

- (a) Rs. 74, 573
- (b) Rs. 1, 12, 835
- (c) Rs. 82, 269
- (d) Rs. 1, 03, 870

Q66. Find the odd pair of numericals :

- (a) 13, 15 : 14
- (b) 6, 8 : 7
- (c) 14, 16 : 18
- (d) 12, 16 : 14

Q67. Animal always has :

Identify the best option that suits the statement.

- (a) Fur
- (b) Wings
- (c) Horns
- (d) Heart

Q68. Find the odd pair of words :

- (a) Craniology : shells
- (b) Virology : viruses
- (c) Physiology : body
- (d) Zoology : animals

Q69. What will be the next term in the following series :

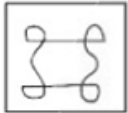
4, 5, 12, 39, 160, ?

- (a) 625
- (b) 805
- (c) 730
- (d) 820

Q70. Find the embedded figure given below from the options :



(a)



(b)



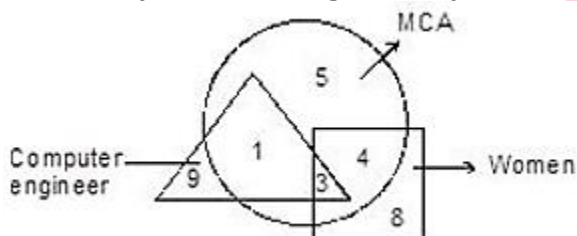
(c)



(d)



Q71. Study the following carefully and answer the given questions :



Which region belongs to women who are neither computer engineers nor MCA?

- (a) 13
- (b) 5
- (c) 8
- (d) 1

Q72. Vijaya is Rajesh's sister. How is Rajesh's mother's brother's only sister's son is related to Vijaya?

- (a) Brother
- (b) Uncle
- (c) Father
- (d) Grand Father

Q73. If A stands for +, B stands for -, C stands for ×, then what is the value of (8C5) A (6C6) B2?

- (a) 85
- (b) 74
- (c) 94
- (d) 79

Q74. How the pattern would appear when the transparent sheet is folded at the dotted line?



(a)



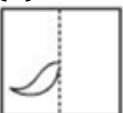
(b)



(c)



(d)



Q75. If Huge mistake is related with error, how fury related to?

- (a) Anger
- (b) Sad
- (c) Sin
- (d) Rebuttal

Q76. What will be the next term in the following series :
JPB, NTF, SYK, ?

- (a) YEQ
- (b) CKL
- (c) EGA
- (d) GPM

Q77. One pair of words shares different relationship as compared to the rest of the pairs. Find the odd pair out.

- (a) Bicycle : Pedal
- (b) Car : Steering
- (c) Pencil : Eraser
- (d) Aeroplane : Cockpit

Q78. Identify the odd pair of numbers that is different from the rest.

- (a) 16:20:18
- (b) 9:15:12
- (c) 8:24:16
- (d) 6:12:15

Q79. What would be the next number in the below series?

3,7,16,32,57,93,?

- (a) 142
- (b) 150
- (c) 157
- (d) 148

Q80. What would come in the place of question mark in the below series?

J, O, T, Y, D, ?, N

- (a) K
- (b) I
- (c) M
- (d) L

Q81. If $a + b + c = 7$ and $a^3 + b^3 + c^3 - 3abc = 175$, then what is the value of $(ab+bc+ca)$?

- (a) 9
- (b) 7
- (c) 8
- (d) 6

Q82. A watch is sold at a profit of 25%. Had it been sold for Rs.120 less than, there would have been a loss of 15%. What is the cost price in rupees?

- (a) Rs.400
- (b) Rs.350
- (c) Rs.300
- (d) Rs.450

Q83.

If $x^2 + 4y^2 = 17$ and $xy = 2$, where $x > 0, y > 0$, then what is the value of $x^3 + 8y^3$?

- (a) 85
- (b) 76
- (c) 65
- (d) 86

Q84. The ratio of the radii of two cones is 5 : 6 and their volume are in the ratio 8 : 9. The ratio of their height is:

- (a) 20 : 27
- (b) 25 : 32
- (c) 32 : 25
- (d) 27:20

Q85. In $\triangle ABC$, the bisector of $\angle A$ intersects side BC at D. If AB=12 cm, AC=15 cm and BC=18 cm, then the length of BD is?

- (a) 9.6 cm
- (b) 9 cm
- (c) 8 cm
- (d) 8.6 cm

Q86. The area (in sq. units) of the triangle formed by the graphs of $8x + 3y = 24$, $2x + 8 = y$ and the x-axis is:

- (a) 14
- (b) 28
- (c) 24
- (d) 12

Q87. In ΔPQR , $\angle Q = 90^\circ$. If $\cot R = \frac{1}{3}$, then what is the value of $\frac{\sec P(\cos R + \sin P)}{\operatorname{cosec} R(\sin R - \operatorname{cosec} P)}$?

- (a) $-\frac{2}{3}$
- (b) $-\frac{2}{7}$
- (c) $\frac{2}{7}$
- (d) $-\frac{3}{7}$

Q88. Given that $\Delta DEF \sim \Delta ABC$. If the area of ΔABC is 9 cm^2 and that of $\Delta DEF = 12 \text{ cm}^2$ and $BC = 2.1 \text{ cm}$, then the length of EF is:

- (a) $\frac{7\sqrt{3}}{5} \text{ cm}$
- (b) $\frac{3\sqrt{7}}{5} \text{ cm}$
- (c) $\frac{8\sqrt{3}}{5} \text{ cm}$
- (d) 4.5 cm

Q89. The graphs of the linear equations $4x - 2y = 10$ and $4x + ky = 2$ intersect at a point $(a, 4)$. The value of k is equal to:

- (a) -4
- (b) -3
- (c) 3
- (d) -2

Q90. In a triangle ABC , D is a point on BC such that $\frac{AB}{AC} = \frac{BD}{DC}$. If $\angle B = 68^\circ$ and $\angle C = 52^\circ$ then measure of $\angle BAD$ is equal to:

- (a) 60°
- (b) 30°
- (c) 50°
- (d) 20°

Q91. If a box of mass 25 kg is pushed 15 m by a force of ' F ' N and work done in the process is 480 J . Find F :

- (a) 50
- (b) 32
- (c) 16
- (d) 25

Q92. What is the repeated reflection of sound from the walls of a big hall that results in persistence of sound called?

- (a) Music
- (b) Pitch
- (c) Note
- (d) Reverberation

Q93. Identifying a way to reduce the pollution caused due to burning of fossil fuels

- (a) By lowering the temperature of burning
- (b) By increasing the efficiency of the combustion process
- (c) By increasing the number of carbon molecules
- (d) By decreasing the latent heat

Q94. Which of the following is NOT an application of third law of motion?

- (a) A fielder pulls his hands gradually with the moving ball while holding a catch
- (b) Colliding with player while kicking a football and feeling hurt
- (c) As the sailor jumps in forward direction, the boat moves backwards
- (d) A forward force on the bullet and recoil of the gun

Q95. Which of the following proteins is found in plasma?

- (a) Leptin
- (b) Keratin
- (c) Albumin
- (d) Insulin

Q96. Newton's first law of motion is known as

- (a) Gravity
- (b) Law of Inertia
- (c) Law of conservation of momentum
- (d) Vertical motion

Q97. Which type of reaction occurs when carbon burns in oxygen to give carbon dioxide?

- (a) Addition reaction
- (b) Combustion reaction
- (c) Decomposition reaction
- (d) Substitution reaction

Q98. Which of the following organelles shows similarity to a prokaryotic cell?

- (a) Mitochondria only
- (b) Chloroplast only
- (c) Both chloroplast and mitochondria
- (d) None of the above

Q99. A spherical mirror whose reflecting surface is curved inwards is called a _____ mirror.

- (a) convex
- (b) conflict
- (c) concave
- (d) plane

Q100. Which of the following is an electromagnetic wave?

- (a) Infrared rays
- (b) Ultrasonic wave
- (c) Sound wave
- (d) Cathode rays

Answer Key

S1. Ans.(b)	S26. Ans.(d)	S51. Ans.(b)	S76. Ans.(a)
S2. Ans.(a)	S27. Ans.(a)	S52. Ans.(c)	S77. Ans.(d)
S3. Ans.(a)	S28. Ans.(b)	S53. Ans.(a)	S78. Ans.(d)
S4. Ans.(d)	S29. Ans.(b)	S54. Ans.(c)	S79. Ans.(a)
S5. Ans.(d)	S30. Ans.(b)	S55. Ans.(a)	S80. Ans.(b)
S6. Ans.(b)	S31. Ans.(d)	S56. Ans.(d)	S81. Ans.(c)
S7. Ans.(d)	S32. Ans.(d)	S57. Ans.(a)	S82. Ans.(c)
S8. Ans.(a)	S33. Ans.(d)	S58. Ans.(c)	S83. Ans.(c)
S9. Ans.(d)	S34. Ans.(b)	S59. Ans.(d)	S84. Ans.(c)
S10. Ans.(d)	S35. Ans.(a)	S60. Ans.(c)	S85. Ans.(c)
S11. Ans.(b)	S36. Ans.(c)	S61. Ans.(c)	S86. Ans.(b)
S12. Ans (d)	S37. Ans.(c)	S62. Ans.(c)	S87. Ans.(b)
S13. Ans.(d)	S38. Ans.(d)	S63. Ans.(b)	S88. Ans.(a)
S14. Ans.(c)	S39. Ans.(c)	S64. Ans.(c)	S89. Ans.(a)
S15. Ans.(a)	S40. Ans.(d)	S65. Ans.(c)	S90. Ans.(b)
S16. Ans.(b)	S41. Ans.(d)	S66. Ans.(c)	S91. Ans.(b)
S17. Ans.(a)	S42. Ans.(a)	S67. Ans.(d)	S92. Ans.(d)
S18. Ans.(b)	S43. Ans.(c)	S68. Ans.(a)	S93. Ans.(b)
S19. Ans.(d)	S44. Ans.(b)	S69. Ans.(b)	S94. Ans.(a)
S20. Ans.(a)	S45. Ans.(b)	S70. Ans.(d)	S95. Ans.(c)
S21. Ans.(c)	S46. Ans.(b)	S71. Ans.(c)	S96. Ans.(b)
S22. Ans.(c)	S47. Ans.(a)	S72. Ans.(a)	S97. Ans.(b)
S23. Ans.(c)	S48. Ans.(a)	S73. Ans.(b)	S98. Ans.(c)
S24. Ans.(c)	S49. Ans.(d)	S74. Ans.(b)	S99. Ans.(c)
S25. Ans.(a)	S50. Ans.(d)	S75. Ans.(a)	S100. Ans.(a)