Child Development and Pedagogy

Q1. ADHD is primarily associated with difficulties in which function?
(a) Motor coordination
(b) Executive functioning
(c) Sensory processing
(d) Immune response

Q2. Which body is responsible for monitoring the implementation of the RTE Act?
(a) National Human Rights Commission (NHRC)
(b) National Commission for Protection of Child Rights (NCPCR)
(c) University Grants Commission (UGC)
(d) Central Board of Secondary Education (CBSE)

Q3. The Two-Factor Theory of motivation was developed by:
(a) McGregor
(b) Herzberg
(c) Vroom
(d) Alderfer

Q4. The NCF 2005 emphasizes which type of learning approach?
(a) Rote memorization
(b) Examination-focused learning
(c) Constructivist approach
(d) Traditional textbook-based learning

Q5. CCE follows which type of assessment approach?
(a) Summative only
(b) Formative only
(c) Both formative and summative
(d) Annual examination-based

Q6. Concept of I.Q. was given by:
(a) Stern
(b) Binet
(c) Simon
(d) Terman

Q7. The Intelligence Quotient (IQ) is calculated using which formula?
(a) IQ = MA / CA × 100
(b) IQ = CA / MA × 100
(c) IQ = MA × CA
(d) IQ = CA × 100 / MA

Q8. In Freudian psychoanalysis, libido is a part of which component of personality?
(a) Id
(b) Ego
(c) Superego
(d) Collective unconscious

Q9. According to Burt, intelligence is mainly:
(a) Acquired through experience
(b) Determined by environmental factors
(c) Influenced by heredity
(d) A result of schooling

Q10. Who said, "Education is bipolar"?
(a) John Dewey
(b) Jean Piaget
(c) John Adams
(d) Immanuel Kant

Q11. Which of the following is NOT primary Law of learning?
(a) Law of Readiness
(b) Law of Effect
(c) Law of Exercise
(d) Law of Multiple response

Q12. Which of the following is an example of fine motor skills?
(a) Jumping
(b) Writing with a pencil
(c) Running
(d) Climbing stairs

SOLUTIONS

S1. Ans.(b)
Sol. Executive functioning

S2. Ans.(b)
Sol. National Commission for Protection of Child Rights (NCPCR)

S3. Ans.(b)
Sol. Herzberg

S4. Ans.(c)
Sol. Constructivist approach

S5. Ans.(c)
Sol. Both formative and summative

S6. Ans.(a)
Sol. Stern

S7. Ans.(a)
Sol. IQ = MA / CA × 100

S8. Ans.(a)
Sol. Id

S9. Ans.(c)
Sol. Influenced by heredity

S10. Ans.(c)
Sol. John Adams

S11. Ans.(d)
Sol. Law of Multiple response

S12. Ans.(b)
Sol. Writing with a pencil

Hindi

Q1. मालिनी छंद में कितने वर्ण होते हैं?
(a) 11
(b) 12
(c) 15
(d) 17

Q2. 'तल्लीन' शब्द का संधि विच्छेद क्या है?
(a) तव + लीन
(b) तल + लीन
(c) ततः + लीन
(d) तत् + लीन

Q3. प्रत्यर्पण' शब्द का संधि विच्छेद करें।
(a) प्रति + अर्पण
(b) प्रति + आर्पण
(c) प्रत्य + अर्पण
(d) प्रतिः + अर्पण

Q4. संन्यासी का विलोम शब्द होगा –
(a) राजा
(b) भोगी
(c) गृहस्थ
(d) महान

Q5. रेलगाड़ी मे समास होगा-
(a) तत्पुरुष समास
(b) द्वन्द्व समास
(c) बहुव्रीहि समास
(d) अव्ययीभाव समास

Q6. घोड़े का पर्यायवाची है –
(a) हय
(b) वेग
(c) गज
(d) वृषभ

Q7. कपड़े का पर्यायवाची है-
(a) वंस
(b) वसन
(c) वदन
(d) तोष

Q8. निम्न मे से कौन वाक्य का भेद नहीं है ?
(a) आज्ञा वाचक
(b) विधान वाचक
(c) निषेध वाचक
(d) पर्याप्त वाचक

Q9. 'उल्लू' शब्द का वर्ण विच्छेद क्या है?
(a) 'उ + ल् + ल् + ऊ'
(b) उ + ल + ऊ
(c) उ + ल् + ऊ
(d) उ + ल् + उ

Q10. निम्न में से कौनसी राजस्थानी भाषा नहीं है ?
(a) मालवी
(b) जयपुरी
(c) बघेली
(d) मारवाड़ी

Q11. 'अंधे को चिराग दिखाना' मुहावरे का अर्थ होगा-
(a) मूर्ख को उपदेश देना
(b) ज्यादा बातें बनाना
(c) अधिक जानकारी होना
(d) वादे से मुकर जाना

Q12. 'अंधा बगुला कीचड़ खाय' लोकोक्ति का अर्थ होगा-
(a) हर समय दुखी होना
(b) सारहीन हो जाना
(c) भाग्यवान होना
(d) भाग्यहीन को सुख नहीं मिलता

Q13. निम्नलिखित में से कौन सा विराम चिह्न प्रत्यक्ष भाषण को उद्धृत करने में प्रयोग होता है?
(a) उद्धरण चिह्न
(b) सेमीकोलन
(c) अल्पविराम
(d) पूर्णविराम

Q14. निम्न मे से कौन राजस्थानी भाषा है ?
(a) ढूँढाणी
(b) कौरवी
(c) कोसली
(d) बैसवाडी

Q15. 'भारतीय' शब्द मे प्रत्यय होगा -
(a) ईय
(b) तीय
(c) य
(d) इय

SOLUTIONS

S1. Ans.(c)
S2. Ans.(d)
S3. Ans.(a)
S4. Ans.(c)
S5. Ans.(a)
S6. Ans.(a)
S7. Ans.(b)
S8. Ans.(d)

S9. Ans.(a)
S10. Ans.(c)
S11. Ans.(a)
S12. Ans.(d)
S13. Ans.(a)
S14. Ans.(a)
S15. Ans.(a)

English

Q1. Choose the correct verb to complete the sentence:
Rain _____ the significant source of water.
(a) is
(b) are
(c) was
(d) were

Q2. Choose the correct verb to complete the sentence:
Her boss _____ asleep while she was giving a presentation.
(a) fall
(b) falls
(c) fell
(d) fallen

Q3. Choose the correct article to complete the sentence:
She is _____ honorary secretary of the club.
(a) a
(b) an
(c) the
(d) no article

Q4. Choose the correct article to complete the sentence:
We met _____ European girl in Rishikesh.
(a) a
(b) an
(c) the
(d) no article

Q5. Choose the synonym of **"benevolent"**:
(a) Kind
(b) Cruel
(c) Arrogant
(d) Indifferent

Q6. Choose the correct phonetic transcription of the word "adjust":
(a) /əˈdʒʌst/
(b) /adʒust/
(c) /ʌdjust/
(d) /ˈdʒʌst/

Q7. Identify the word in which the underlined letters produce a different sound at the final level compared to the others.
(a) Church
(b) Each
(c) Reach
(d) Epoch

Q8. What is the full form of BICS in language learning?
(a) Basic Interactive Communication Skills
(b) Basic Interpersonal Communicative Skills
(c) Basic International Communication Strategies
(d) Broad Interpersonal Conversation Skills

Q9. Which technique is often used in remedial teaching?
(a) Diagnostic testing
(b) Standardized final exams
(c) Sole reliance on lectures
(d) One-way communication

Q10. The patient __ be taken to the hospital right away.
(a) may
(b) should
(c) must
(d) can

SOLUTIONS

S1. Ans.(a)
Sol. is

S2. Ans.(c)
Sol. fell

S3. Ans.(b)
Sol. an

S4. Ans.(a)
Sol. a

S5. Ans.(a)
Sol. Kind

S6. Ans.(a)
Sol. /əˈdʒʌst/

S7. Ans.(d)
Sol. Epoch

S8. Ans.(b)
Sol. Basic Interpersonal Communicative Skills

S9. Ans.(a)
Sol. Diagnostic testing

S10. Ans.(c)
Sol. must

Maths

Q1. Which Vedic Maths Sutra is used for finding squares of numbers ending in 5?
(a) Ekadhikena Purvena
(b) Urdhva Tiryagbhyam
(c) Anurupyena
(d) None of the above

Q2. The lengths of the diagonals of a rhombus are 16 cm and 12 cm. Find the length of each side of the rhombus.
(a) 8 cm
(b) 10 cm
(c) 12 cm
(d) 14 cm

Q3. 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) None of the above

Q4. In 5 years, the simple interest on an amount of Rs. X is $\frac{2^{th}}{5}$ of the principal. The rate of interest per annum is:
(a) 12%
(b) 8%
(c) 10%
(d) None of above

Q5. If a = 360 and b = 900, then (LCM of a and b) ÷ (HCF of a and b) is equal to
(a) 5/2
(b) 5
(c) 15
(d) 10

Q6. The sum of five consecutive even numbers is 60. What will be the sum, if the next two even numbers are also added to it ?
(a) 90
(b) 94
(c) 96
(d) 98

Q7. Which number's square when multiplied by 10 will be exactly divisible by 30, 36 and 40?
(a) 18
(b) 8
(c) 6
(d) 12

Q8. Which of the following statements is not true ?
(a) Sum of an acute angle and a right angle is always an obtuse angle.
(b) Sum of two acute angles is always less than a right angle.
(c) Sum of two right angles is equal to a straight angle.
(d) Sum of two obtuse angles is always a reflex angle.

Q9. What will be the value of K in the six digit number 56234K, if the number is divisible by 6 ?
(a) 0
(b) 1
(c) 4
(d) 6

Q10. A shopkeeper bought 138 boxes of apples each containing 24 apples. He could sell only 117 ¾ boxes of apples on the first day. How many apples are left with him ?
(a) 486
(b) 498
(c) 510
(d) 522

Q11. The following table shows the marks in English and Mathemathics obtained by four friends :

	English	Mathematics
Yogesh	72	64
Joseph	75	68
Vinita	69	79
Devika	73	76

Which of the options given below is correct ?
(a) Joseph obtained maximum marks in English but minimum marks in Mathematics.
(b) Devika got maximum marks in English and Mathematics combined.
(c) Vinita obtained maximum marks in English as well as in Mathematics.
(d) Yogesh obtained least marks in English as well as in Mathematics.

Q12. Which one of the following is the most appropriate and important feature of a mathematics textbook at Primary level ?
(a) It should contain more problems for the students to practice.
(b) It should be colourful and designed in an attractive way.
(c) It should focus more on the theoretical concepts.
(d) It should focus more on contextual examples and activities while introducing mathematical concepts.

Q13. The side of a square is 48 cm. The length and breadth of a rectangle are 1 ½ and ⅔ respectively of the side of the square. The difference in their perimeters (in cm) is
(a)10
(b)12
(c) 14
(d) 16

Q14. From a 12 cm long and 8 cm wide rectangular sheet, squares of sides of 3 cm are cut off from all the corners. What is the area (in cm') of the remaining sheet ?
(a) 50
(b) 60
(c) 72
(d) 84

Q15. In ΔABC, side BC is produced to point D and side CA is produced to point E. If ∠BAE = 115° and ∠ACD=104°, then which of the two angles ∠ABC and ∠BAC is larger and by how much?
(a) ∠ABC, 39°
(b) ∠ABC, 13°
(c) ∠BAC, 26°
(d) ∠BAC, 65°

Q16. Which of the following statements is true ?
(a) Sum of a positive number and a negative number is always zero
(b) Sum of two odd numbers is always an odd number
(c) Sum of two even numbers is always an even number
(d) Product of two prime numbers is always a prime number

Q17. The volume (in cm^3) of a cylinder, whose base diameter is 8 cm and height is 7/8 of the base radius, is : $\left(\text{use } \pi = \frac{22}{7}\right)$
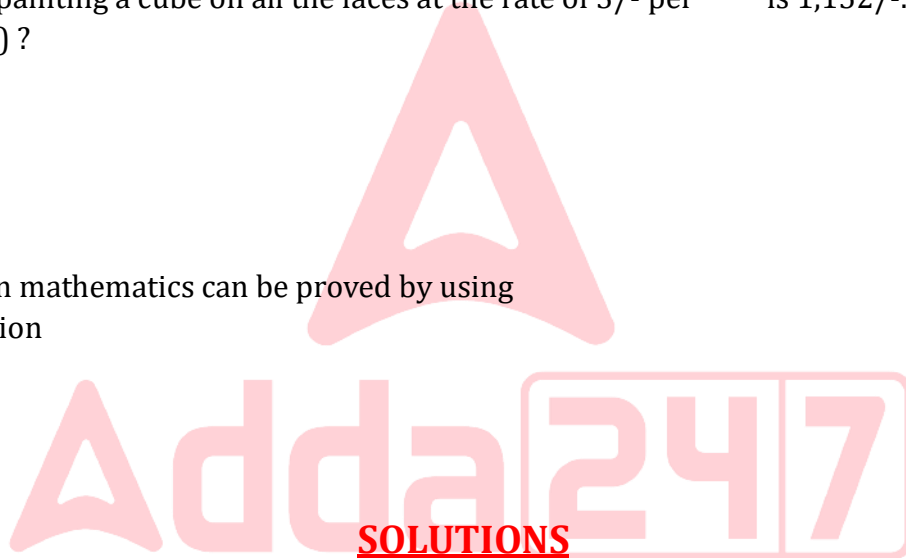(a) 154
(b) 176
(c) 704
(d) 1408

Q18. The cost of painting a cube on all the faces at the rate of 3/- per cm^2 is 1,152/-. What is the length of its edge (in cm) ?
(a) 4
(b) 6
(c) 8
(d) 14

Q19. Theorems in mathematics can be proved by using
(a) Experimentation
(b) Deduction
(c) Verification
(d) Observation

SOLUTIONS

S1. Ans.(a)
S2. Ans.(b)
S3. Ans.(c)
S4. Ans.(b)
S5. Ans.(d)
S6. Ans.(d)
S7. Ans.(c)
S8. Ans.(b)
S9. Ans.(c)
S10. Ans.(a)
S11. Ans.(b)
S12. Ans.(d)
S13. Ans.(d)

S14. Ans.(b)
S15. Ans.(c)
S16. Ans.(c)
S17. Ans.(b)
S18. Ans.(c)
S19. Ans.(b)

Environmental Studies

Q1. Bachhendri Pal climbed the Mount Everest in the year:
(a) 1984 A.D.
(b) 1985 A.D.
(c) 1986 A.D.
(d) 1987 A.D.

Q2. Goat breed that resembles as Jamunapari is?
(a) Beetal
(b) Marwari
(c) Jhakrana
(d) Sirohi

Q3. The largest ecosystem of the Earth is -
(a) Biosphere
(b) Hydrosphere
(c) Lithosphere
(d) Biome

Q4. Name the teeth which helps in piercing and tearing?
(a) Incisor
(b) Canine
(c) Premolar
(d) Molar

Q5. Which fort is known as "Gadh Beethi"?
(a) Taragarh
(b) Mehrangarh
(c) Achalgarh
(d) Kumbhalgarh

Q6. Which is not a component of human environment?
(a) Land
(b) Religion
(c) Community
(d) Population

Q7. Which among these animals are not found in Ladakh?
(a) Wild goats
(b) Wild sheep
(c) Yaks
(d) Camel

Q8. What is the state flower of Rajasthan?
(a) Runwara
(b) Daffodil
(c) Rohida
(d) Orchids

Q9. Which of the following (Tourist Place - District) is not correctly matched?
(a) Phool Sagar - Bundi
(b) Chandra Mahal - Jaipur
(c) Kiradu Temple - Jhalawar
(d) Pandupol - Alwar

Q10. Jute grows best in _____ climate.
(a) warm
(b) dry
(c) cold
(d) warm and dry

Q11. Green Muffler is used to reduce
(a) Air Pollution
(b) Water Pollution
(c) Noise Pollution
(d) Soil Pollution

Q12. The main component of opium is -
(a) Morphine
(b) Heroine
(c) Atropine
(d) Quinine

Q13. Who was the first person to set foot on the moon?
(a) Michealcllins
(b) Neil Amstrong
(c) Yuri Gagarian
(d) Rakesh Sharma

Q14. Which of the following is the biggest planet?
(a) Earth
(b) Jupiter
(c) Saturn
(d) Mars

Q15. Which of the following festivals is celebrated during the Amavasya of the Kartik month?
(a) Govardhan Puja
(b) Dhanteras
(c) Raksha Bandhan
(d) Diwali

Q16. The bird sanctuary in Rajasthan which is famous for Siberian cranes is -
(a) Ranthambore
(b) Kinchan
(c) Sariska
(d) Keoladeo Ghana

Q17. Which one of the following (Baori - Place) is correctly matched?
(a) Chand baori - Abhaneri
(b) Trimukhi baori - Churu
(c) Nulakha baori - Jaipur
(d) Jhalibab baori - Sikar

Q18. _____ are called the 'Powerhouse' of the cell.
(a) Mitochondria
(b) Lungs
(c) Arteries
(d) Pituitary glands

Q19. When did Delhi become the capital of India?
(a) 1911
(b) 1931
(c) 1916
(d) None of the above

Q20. Who was the founder of the Pala dynasty?
(a) Dharmapala
(b) Gopala
(c) Devapala
(d) Rampala

SOLUTIONS

S1. Ans.(a)
Sol. The correct answer is 1984 A.D.

S2. Ans.(a)
Sol. The correct answer is Beetal.

S3. Ans.(a)
Sol. The correct answer is Biosphere.

S4. Ans.(b)
Sol. The correct answer is Canine.

S5. Ans.(a)
Sol. The correct answer is Taragarh.

S6. Ans.(a)
Sol. The correct answer is Land.

S7. Ans.(d)
Sol. The correct answer is Camel.

S8. Ans.(c)
Sol. The correct answer is Rohida.

S9. Ans.(c)
Sol. The correct answer is Kiradu Temple – Jhalawar.

S10. Ans.(a)
Sol. The correct answer is warm.

S11. Ans.(c)
Sol. The correct answer is Noise Pollution.

S12. Ans.(a)
Sol. The correct answer is Morphine.

S13. Ans.(b)
Sol. The correct answer is Neil Amstrong.

S14. Ans.(b)
Sol. The correct answer is Jupiter.

S15. Ans.(d)
Sol. The correct answer is Diwali.

S16. Ans.(d)
Sol. The correct answer is Keoladeo Ghana.

S17. Ans.(a)
Sol. The correct answer is Chand baori – Abhaneri.

S18. Ans.(a)
Sol. The correct answer is Mitochondria.

S19. Ans.(a)
Sol. The correct answer is 1911.

S20. Ans.(b)
Sol. The correct answer is Gopala.