

PREVIOUS YEAR PAPER

CTET Paper I — 21 January 2024 (Set K)

CTET · 21 January 2024

134 of the paper's 150 questions · +1 for a correct answer, -0 for a wrong one · 150 minutes

Left out of the original paper: 16 (any question that needs a figure, a symbol or formatting we cannot show, or whose text did not read back cleanly from the booklet).

Questions from the Central Board of Secondary Education's paper of 21 January 2024. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ctet/previous-year-papers/ctet-2024-paper-1-21-jan-set-k/

Child Development and Pedagogy

1. Assertion (A) : School curriculum should give reasonable space and value to learner's cultural knowledges. Reason (R) : Supporting students to uphold their cultural identities facilitates learning. Choose the correct option :

- (a) (A) is true but (R) is false.
- (b) Both (A) and (R) are false.
- (c) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (d) Both (A) and (R) are true but (R) is not the correct explanation of (A)

Answer: (c)

2. Socio-constructivist views of learning advocate that

- (a) Effective learning is activated by lecturing and explaining
- (b) Effective learning takes place through the process of recall and rehearsal
- (c) Learners receive knowledge passively from teachers
- (d) Learners actively construct knowledge

Answer: (d)

3. Which of the following statements is not correct about learning ?

- (a) Learning is facilitated by social action
- (b) Learning as a product rather than a process
- (c) Learning depends on learner's previous knowledge
- (d) Learning implies reorganisation of prior conceptual schemes

Answer: (b)

4. In the course of development, children achieve gross motor skills before fine motor skills. This indicates that development is :

- (a) Linear
- (b) Proximodistal
- (c) Anarchic
- (d) Cephalocaudal

Answer: (b)

5. Reasoning, thinking and problem-solving are explained in which aspect of development ?

- (a) Moral Development
- (b) Motor Development
- (c) Social Development
- (d) Cognitive Development

Answer: (d)

6. After getting 'out' in the game due to the rope getting stuck in her leg while jumping Aru says that the rope deliberately got her out. At what stage of Jean Piaget's theory of cognitive development do children reason like this ?

- (a) Sensory-motor stage
- (b) Pre-operation stage
- (c) Concrete Operational stage
- (d) Formal Operational stage

Answer: (b)

7. Proximodistal principle states that in infancy :

- (a) development of language occurs rapidly as it is a sensitive period for development.
- (b) Physical development occurs rapidly with the development of fine motor skills.
- (c) the limbs continue to grow faster than the hands and feet.
- (d) development proceeds from head to toe

Answer: (c)

8. Assertion (A) : Learners construct their own knowledge based on what they already know.

Reason (R) : Finding patterns and making inferences with previous knowledge helps learners to process information meaningfully. Choose the correct option :

- (a) (A) is true but (R) is false.
- (b) Both (A) and (R) are false.
- (c) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (d) Both (A) and (R) are true but (R) is not the correct explanation of (A)

Answer: (c)

9. Assertion (A) : Childhood is experienced differently by children across cultures. Reason (R) :

Childrens' development is universal. Choose the correct option :

- (a) (A) is true but (R) is false.
- (b) Both (A) and (R) are false.
- (c) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (d) Both (A) and (R) are true but (R) is not the correct explanation of (A)

Answer: (a)

10. Assertion (A) : In Lawrence Kohlberg's moral development theory children move from understanding consequences of acts to determine whether they are good or bad to understanding that rules and laws are flexible and can be changed. Reason (R) : Lawrence Kohlberg argues that moral development occurs progressively in stages. Choose the correct option :

- (a) (A) is true but (R) is false.
- (b) Both (A) and (R) are false.
- (c) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (d) Both (A) and (R) are true but (R) is not the correct explanation of (A)

Answer: (c)

11. Which of the following statements about inclusive education is not correct ?

- (a) An inclusive classroom "accommodates differences in language styles and promotes collaboration".
- (b) An inclusive classroom centres around "fixed curricula and standard assessment".
- (c) Inclusive teaching means "teaching in ways that do not exclude".
- (d) Inclusive teaching means "adopting pedagogies that support needs of all learners"

Answer: (b)

12. Lev Vygotsky proposes that _____ is important for self-regulation in children.

- (a) Adaptation
- (b) Organization
- (c) Disequilibrium
- (d) Inner speech

Answer: (d)

13. As per Jean Piaget's theory of cognitive development, which of the following ability distinguishes concrete operational thinking from Pre-operational thinking ?

- (a) Hypothetical reasoning
- (b) Object permanence
- (c) Coordination of senses
- (d) Decentering

Answer: (d)

14. Which of the following types of questions can help assess a student's ability to evaluate information critically ?

- (a) Questions that ask for examples that validate the text
- (b) Questions that ask for a summary of a text
- (c) Questions that ask for a simple definition of a term
- (d) Questions that ask for the student's personal opinion

Answer: (d)

15. Which of the following aptly defines relationship between cognition and emotion ?

- (a) Cognition influences emotions but reverse is not true.
- (b) Emotions influence cognition but reverse is not true.
- (c) Cognition and emotion are two independent systems.
- (d) Emotion and cognition are interdependent on each other

Answer: (d)

16. Language development in primary classes is facilitated :

- (a) When teachers ignore and dismiss the mother tongue of the children.
- (b) When teachers begin from signs and symbols rather than concrete objects.
- (c) When teachers use concrete examples to refer to abstract concepts.
- (d) When teachers stress upon and enforce the use of formal language

Answer: (c)

17. According to attribution theory of motivation which of the following is more likely to result in persistent effort and improved performance ?

- (a) Internal attribution for failure as well as success
- (b) External attribution for failure as well as success
- (c) An internal attribution for success and an external attribution for failure
- (d) An external attribution for success and an internal attribution for failure

Answer: (a)

18. Inclusion of students belonging to disadvantaged groups demands :

- (a) isolation in the classroom on the basis of social affiliation.
- (b) same-ability grouping of students in the classroom.
- (c) awareness and sensitization towards diverse traditions.
- (d) evidencing and encouraging identity-based stereotypes

Answer: (c)

19. While participating in a sports competition in class, Tanuj tells his friend that he will participate in the javelin throw and his sister can participate in jump rope because she is a girl and girls cannot throw javelin. This depicts :

- (a) Gender equity
- (b) Gender stereotyping
- (c) Gender constancy
- (d) Gender equality

Answer: (b)

20. Which of the following is a typical characteristic of Dyslexia ?

- (a) Difficulty in physical coordination
- (b) Difficulty in spatial awareness
- (c) Difficulty in creative problem solving
- (d) Difficulty in phonological processing

Answer: (d)

21. Problem solving is fostered by :

- (a) Passive imitation
- (b) Response Set
- (c) Divergent thinking
- (d) Functional fixedness

Answer: (c)

22. While divergent thinking _____ convergent thinking _____.

- (a) Promotes mathematical abilities; promotes verbal abilities
- (b) Promotes verbal abilities; promotes mathematical abilities
- (c) encourages multiple answers; is fixed on one correct solution
- (d) is fixed on one correct solution; encourages multiple answers

Answer: (c)

23. Which of the following would not be characterised as formative assessment ?

- (a) An assessment task that is helpful in comparing students as per a standard set of criteria.
- (b) An assessment used to identify misconceptions in a student's learning.
- (c) An assessment given at the beginning of a new concept to determine students' prior knowledge.
- (d) An assessment given during the class to provide ongoing feedback to students and teachers

Answer: (a)

24. Which of the following is a characteristic of effective feedback in the classroom ?

- (a) It is only focused on the outcomes.
- (b) It is timely and specific.
- (c) It is given only at the end of the task.
- (d) It is broad and generic

Answer: (b)

25. As per Howard Gardner's theory of multiple intelligence, which of the following set represents correct match of intelligence and associated characteristics ?

- (a) Musical : performance or composition skills
- (b) Spatial : skill of appreciating the natural world
- (c) Intrapersonal : skill in understanding and relating to others
- (d) Logical-Mathematical : skill of dance or athletic abilities

Answer: (a)

26. Which of the following correctly describes intrinsic motivation ?

- (a) Motivation that comes from competition with others
- (b) Motivation that comes from a fear of punishment
- (c) Motivation that comes from external rewards
- (d) Motivation that comes from personal enjoyment of the task

Answer: (d)

27. Which of the following is a key principle of progressive education ?

- (a) Learning should be based on authentic tasks
- (b) Curriculum should be predetermined and universal
- (c) Standardized testing is the best way to measure student learning
- (d) Students should be passive recipients of knowledge from their teachers

Answer: (a)

28. Impairment is a _____ condition, while disability is a _____ condition.

- (a) operative, physical
- (b) social, psychological
- (c) biological, functional
- (d) functional, biological

Answer: (c)

29. Which of the following are examples of scaffolding ? (a) Think-aloud (b) Prompts and cues (c) Questions (d) Half-solved example (e) Rote Rehearsal

- (a) (a), (b), (c), (d)
- (b) (a), (b), (c), (d), (e)
- (c) (a), (b)
- (d) (a), (b), (c)

Answer: (a)

30. According to Kohlberg's theory of moral development, at what stage are children self-centered and see their own benefit in doing something ?

- (a) at the third stage in the second level
- (b) at the fifth stage in the third level
- (c) at the first stage in the first level
- (d) at the second stage in the first level

Answer: (d)

| Mathematics

31. Which of the following statements is correct ?

- (a) 1 is both, a prime and a composite number
- (b) 1 is neither prime nor a composite number
- (c) 1 is a prime number
- (d) 1 is a composite number

Answer: (b)

32. The number of degrees in 2 right angles is : 3

- (a) 240
- (b) 330
- (c) 210
- (d) 285 2 2 3

Answer: (a)

33. A _____ is always a regular polygon.

- (a) Pentagon
- (b) Circle
- (c) Isosceles triangle
- (d) Square

Answer: (d)

34. The parcel sending rates are given below : Parcel weighing (50 grams or less) : ₹ 15.00 parcel weighing (for every additional 50 grams) : ₹ 7.00 Meena wants to send a parcel to her friend Charu in Delhi. The parcel weighs 350 g. Look at the charges and select the correct cost of sending the parcel :

- (a) ₹ 55
- (b) ₹ 57
- (c) ₹ 42
- (d) ₹ 50

Answer: (b)

35. Which of the following is not true about 'multiplicity of approaches' in teaching mathematics ?

- (a) Offering such a choice allows children to explore and use the approach that is most natural and easy for them.
- (b) It is crucial for liberating school mathematics from the tyranny of the one correct answer.
- (c) Very often, there are many ways of solving a problem.
- (d) It hampers the learning of child as it leads to confusion

Answer: (d)

36. According to National Curriculum Framework for School Education, 2020, which of the following processes are least relevant in a primary mathematics classroom ?

- (a) Visualization
- (b) Making connections and representations
- (c) Memorising formulae
- (d) Use of patterns

Answer: (c)

37. Which of the following statements is/are most appropriate for the idea of cognitive conflict in teaching mathematics ? (a) Thoughtful efforts of a teacher to expose children to cognitive conflict can enhance their mathematical understanding. (b) It is not useful for promoting mathematical understanding in children. (c) Children get confused so cognitive conflict must be avoided. Choose the correct option :

- (a) Only (a)
- (b) Only (c)
- (c) (b) and (c)
- (d) (a) and (c)

Answer: (a)

38. Which of the following statement is most appropriate ?

- (a) Use of teaching-learning material in mathematics class consume students' time for practice.
- (b) Students do not enjoy riddles in mathematics class.
- (c) Mathematics lab is essential as it provides opportunities for hands on activities for students.
- (d) Charts are used in mathematics class as an effective teaching-learning material

Answer: (c)

39. Yamina threw a die 10 times and got the following results : 5, 3, 6, 6, 1, 4, 5, 3, 3, 2 Which of the following numbers she got the maximum number of times ?

- (a) 1
- (b) 5
- (c) 6
- (d) 3

Answer: (d)

40. Which of the following is true for word problems in school mathematics ?

- (a) Word problems are important in secondary classes only.
- (b) Word problems focus more on procedural knowledge in mathematics.
- (c) Word problems refer to exercises where the child formalises the situation into a form where a specific mathematical technique can be applied.
- (d) Word problems are not examples of mathematical modelling

Answer: (c)

41. What should be subtracted from the sum of 9900, 1099 and 9009 to obtain 25454 ?

- (a) 2536
- (b) 2563
- (c) 2356
- (d) 2365 25454

Answer: (b)

42. One millimetre is the same as :

- (a) 0.01 m
- (b) 0.1 m
- (c) 0.01 cm
- (d) 0.1 cm

Answer: (d)

43. A frog jumps 3 steps and a rabbit jumps 7 steps at a time starting from a place O. At which of the following steps, they both will be jumping together ?

- (a) 378
- (b) 354
- (c) 343
- (d) 371

Answer: (a)

44. Which of the following model is least appropriate to develop the conceptual understanding regarding the relationships of ones, tens and hundreds in early grade learners ?

- (a) Abacus
- (b) Place value chart
- (c) Dienes blocks
- (d) Money

Answer: (b)

45. How many packets of kg salt can be made from 7 kg of salt ? 12 2

- (a) 72
- (b) 90
- (c) 45
- (d) 60 1 1 7 kg

Answer: (b)

46. A student of class III solved 26×5 as $26 \times 5 = 1030$. Revisiting which of the following will best remediate this misconception ?

- (a) Recalling multiplication tables
- (b) One to one correspondence
- (c) Multiplication of one digit by one digit
- (d) Concept of regrouping

Answer: (d)

47. Which of the following is/are related to early number concept formation ? (a) One to one correspondence (b) Hierarchical inclusion (c) Basic operations Choose the correct option :

- (a) (a) and (b)
- (b) (b) and (c)
- (c) Only (a)
- (d) (a) and (c)

Answer: (a)

48. National Education Policy (NEP) - 2020 talks about "Knowledge of India". Which of the following are not included in it ?

- (a) Field visits to different states as part of cultural exchange programmes.
- (b) Formal examination to assess the knowledge gained by the students.
- (c) Knowledge from ancient India and its contributions to modern India.
- (d) Tribal knowledge, indigenous and traditional ways of learning as part of various subjects like Mathematics, Astronomy, Medicine, Agriculture etc

Answer: (b)

50. Which of the following is most appropriate to introduce 'Data Handling' at primary stage ?

- (a) Showing population census of a city for five years and asking students to compare population growth.
- (b) Drawing a bar graph on the blackboard and asking students to read the data from it.
- (c) Asking the students to read time tables of bus and train timings.
- (d) Within classroom, collecting statistics of students' height; favourite food; colour; cartoon etc. and asking questions related to data

Answer: (d)

51. According to National Education Policy (NEP) 2020, assessment of learners include :

- (a) Cognitive, social and spiritual domains
- (b) Physical and psychological domains
- (c) Cognitive and physical domains
- (d) Cognitive, affective and psychomotor domains

Answer: (d)

52. Brij had a wire of length 100 metres to cover the land of his choice. He wanted to take the biggest land. Which of the following measurements should he choose to take the biggest area ?

- (a) 25 m × 25 m
- (b) 5 m × 45 m
- (c) 15 m × 35 m
- (d) 30 m × 20 m

Answer: (a)

53. Which of the following statement is least appropriate for encouraging mathematical learning ?

- (a) Mathematics learning is not gender specific.
- (b) Discourage intuition as it hampers the development of mathematical ideas.
- (c) Failure does not imply that students cannot do mathematics.
- (d) Everyone can learn mathematics

Answer: (b)

54. A number becomes double if it is increased by 8. What is the number ?

- (a) 12
- (b) 16
- (c) 6
- (d) 8

Answer: (d)

55. Which one of the following costs least ?

- (a) 75 dozen items of ₹ 750 each item
- (b) 75 dozen items of ₹ 750 each item
- (c) 75 packets of ₹ 750 each
- (d) 750 packets of ₹ 750 each

Answer: (d)

56. Which of the following should be the characteristics of mathematical language at primary level ?
(a) It should be precise. (b) It must be ambiguous as it can add openness in the subject. (c) It should be reinforced through child's language used in everyday life. (d) It must be highly technical as it will help students to communicate accurately in mathematics. Choose the correct option :

- (a) (a) and (c)
- (b) (a), (c) and (d)
- (c) (a) and (d)
- (d) (a), (b) and (c)

Answer: (a)

57. Which aspect of evaluation is used when a teacher ensures that test made by her fulfils the objectives and criteria of that test ?

- (a) Reliability
- (b) Consistency
- (c) Validity
- (d) Practicality

Answer: (c)

58. See the number pattern given below : 1, 8, 27, 64, 125, _____ , _____ What will be the next two terms ?

- (a) 256 and 343
- (b) 216 and 343
- (c) 256 and 289
- (d) 216 and 289

Answer: (b)

59. The sum of all angles of a triangle is :

- (a) 180°
- (b) 360°
- (c) 60°
- (d) 90°

Answer: (a)

60. While solving $182 - 67$ in class II, a teacher explained that we have to subtract 7 from 2 and 2 is smaller than 7. So we will borrow one from 8 and then we can subtract 7 from 12. One student told teacher : Mam ! why we are borrowing from eight, as borrowing is not good. What a teacher should do in such a situation ?

- (a) Teacher should tell the student to focus on learning the algorithm of subtraction.
- (b) Teacher should ignore the student's question and continue with her work.
- (c) Teacher should scold the student and make him sit.
- (d) Teacher should change the word 'borrowing' to 'regrouping' and then show the process of regrouping

Answer: (d)

Environmental Studies

61. Read statements (A) and (R) properly and then answer the following questions. (A) : Silkworm can find his female worm from many kilometers away by her smell. (R) : Some female insects release 'Pheromones' which can be recognised by their males by smell. Choose the correct answer :

- (a) (A) is correct but (R) is incorrect.
- (b) (A) is incorrect but (R) is correct.
- (c) Both (A) and (R) are correct and (R) explains (A).
- (d) Both (A) and (R) are correct but (R) does not explain (A)

Answer: (c)

62. Which of the following best reflects child-centred strategies in teaching EVS at primary level ?

(a) Discussion (b) Demonstration (c) Lecture (d) Survey

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

Answer: (b)

63. You wish that students learn by peer-learning strategies. Which strategy will you adopt to form groups ?

- (a) Make a heterogeneous group based on participation and cooperation
- (b) Form a group of 5 students of same gender and socio-economic background
- (c) Make a roll number-wise groups of 4/5 students
- (d) Make a homogeneous group of students according to their scores in examination

Answer: (a)

64. "Pochampalli" is famous district for its beautifully designed bright coloured sarees and for the special kind of weave which is also called Pochampalli. It is a part of :

- (a) Maharashtra
- (b) Telangana
- (c) Tamil Nadu
- (d) Karnataka

Answer: (b)

65. Read the following statements carefully : Statement (I) : EVS syllabus is divided into 6 themes Water, Relationships, Food, Transport, Shelter, and How things work. Statement (II) : The themes of EVS are close to children's life.

- (a) Statement (I) is true and Statement (II) is false.
- (b) Statement (I) is false and Statement (II) is true
- (c) Both Statements (I) and (II) are true
- (d) Both Statements (I) and (II) are false

Answer: (b)

67. An EVS teacher taught about animals to her students and ask them to do the following task : (a) Write names of various animals around them (b) Observe activities of different animals (c) Classify animals into categories based on observations (d) Define the term 'Animal' Which of the above is NOT appropriate for students of primary level as per the nature of EVS at primary level ?

- (a) Only (c)
- (b) Only (d)
- (c) (a) and (c)
- (d) (b) and (c)

Answer: (b)

68. Read the following statements carefully and choose the correct options : Statement (A) : Xylem transports water and minerals from roots to rest of the plant. Statement (B) : Phloem translocates food from leaves to various parts of the plant.

- (a) (A) is true, but (B) is false
- (b) (A) is false, but (B) is true
- (c) Both (A) and (B) are true
- (d) Both (A) and (B) are false

Answer: (c)

69. Nina, an EVS teacher of class 5 gives a group assignment to her students that they have to visit nearby agricultural farms and find out information about the implements used by farmers during agriculture and the type of crops they grow. They also have to collect photographs and prepare a report. What process skills and learning indicators are involved here ?

- (a) Hypothesising, inferring, expression
- (b) Prediction, experimentation, observing
- (c) Questioning, Expression, Inferring
- (d) Questioning, Experimentation, sensitivity towards environment

Answer: (c)

70. Which of the following sets depicts the themes of EVS at primary level ?

- (a) Family and Friends, Travel, Natural resources
- (b) Shelter, Travel, Things we make and do
- (c) Weather, Water, Travel
- (d) Food, Material, Shelter

Answer: (b)

71. Doctors prescribe blood test for patients to confirm malaria. Blood test is done to :

- (a) check for eggs of female anopheles mosquitoes in blood
- (b) check for microbes in blood
- (c) check for haemoglobin in blood
- (d) check iron in blood

Answer: (b)

72. Textbooks of EVS should reflect the recommendation of NCF 2005 of linking students' life at school to their life outside. This implies :

- (a) Textbooks supports students to construct knowledge through all the given activities.
- (b) Teachers need to use textbooks as one of the teaching learning resource.
- (c) Students are compelled to memorise few important concepts of EVS.
- (d) Textbook is the only source of knowledge

Answer: (a)

73. Which one of the following statements regarding Ghadsisar Lake is NOT true ?

- (a) It was connected with nine lakes.
- (b) It is in use till today.
- (c) King Ghadsi of Jaisalmer got it made.
- (d) It was built around 650 years ago

Answer: (b)

74. Seema, an EVS teacher organised a field trip to zoo for her students. Which of the following are the most appropriate objectives of the trip to the zoo ? (a) Recall names of animals in the zoo (b) To relate concepts related to animals (c) To promote process skills (d) Assessment of students' learning at the zoo

- (a) (a), (c) and (d)
- (b) (a) and (b)
- (c) (a), (b) and (c)
- (d) (b), (c) and (d)

Answer: (d)

75. Ravi took some water in a glass. He puts a lemon in it. Then, he keeps adding a lot of salt into the water, half a spoon at a time. After some time, he notices that :

- (a) Lemon splits in water.
- (b) Lemon remains mid-way in glass of water.
- (c) Lemon sinks in water.
- (d) Lemon floats in water

Answer: (d)

76. A chapter in EVS textbook of NCERT describes Wahida Prism and her experience in the Navy as a doctor. What are the reasons for including this chapter ? (a) Her experience challenges gender stereotypes (b) Her story gives a peep into the life of a medical officer in the armed forces (c) Understanding that prism reflects 7 colours (d) Understanding the difficulties faced by her and her ways of tackling them

- (a) (c) and (d)
- (b) (b), (d) and (a)
- (c) (a), (b) and (c)
- (d) (b), (c) and (d)

Answer: (b)

77. Which of the following strategies promotes inquiry while teaching the theme 'Food' ?

- (a) Asking students to find out food preferences of their family members.
- (b) Showing pictures of various preserved food items used in different regions of India.
- (c) Asking students to collect pictures of various food items.
- (d) Demonstrating fireless cooking of sandwiches, shikanji (lemon water) etc

Answer: (a)

78. Consider the following statements (A) and (B). Statement (A) : Bora is a common variety of rice used in Assam. Statement (B) : Paddy grows well in clayey soil and requires a lot of water. Select the correct code from the following.

- (a) (A) is correct but (B) is wrong
- (b) (A) is wrong but (B) is correct
- (c) (A) and (B) both are correct
- (d) (A) and (B) both are wrong

Answer: (c)

79. Alex, an EVS teacher of class 3 while introducing the theme 'Work We Do' helps his students to cut colourful strips of paper and weave the strips to make a mat. The edges are glued together to make a beautiful mat. Which of the following objectives should Alex help his students focus ? (a) learning about colours, patterns and developing an aesthetic sense. (b) relating the activity to weaving done by weavers. (c) memorising the steps of making mat. (d) choosing papers of attractive colours and learning cutting of strips perfectly.

- (a) (a), (c) and (d)
- (b) (a) and (c)
- (c) (a), (b) and (d)
- (d) (b), (c) and (d)

Answer: (c)

80. Which one of the following statements regarding Al-Biruni is NOT true ? Choose the correct answer.

- (a) He did not write anything about ponds in India.
- (b) He has praised the making of ponds in India.
- (c) The place that Al-Biruni came from is now called Uzbekistan.
- (d) More than a thousand years ago, he came to India

Answer: (a)

81. Which one of the following regarding Johad is correct ? Choose the correct option.

- (a) It pumps groundwater into nearby wells.
- (b) Stores water from rivers.
- (c) It is a community based rain water harvesting system.
- (d) It filters impurities from water

Answer: (c)

82. What is the mass of an object with a density of 12 g/ml and a volume of 3 ml ?

- (a) 36 g
- (b) 4g
- (c) 15 g
- (d) 24 g

Answer: (a)

83. Read the given statements carefully and choose the correct option. Assertion (A) : We can cook food easily at sea level as compared to higher altitudes. Reason (R) : At high altitudes, boiling point of water increases.

- (a) (A) is true but (R) is false.
- (b) (A) is false but (R) is true.
- (c) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (d) Both (A) and (R) are true but (R) is not the correct explanation of (A)

Answer: (a)

84. It has been observed by bird watchers that there is a peculiar species of birds. The male bird make their own nests and the female bird looks at all the nests and selects the one she likes the best and decides in which nest to lay her eggs. The name of the bird is :

- (a) Indian Robin
- (b) Sun bird
- (c) Tailor bird
- (d) Weaver bird

Answer: (d)

86. Students conduct a survey in their homes and neighbourhood to find out the number of members and approximate amount of water used in each family. What skills and processes are developed through this activity ?

- (a) hypothesising, inferring, expression
- (b) prediction, experimentation, observing
- (c) questioning, experimentation, sensitivity towards environment
- (d) questioning, inferring, expression

Answer: (d)

87. The territorial states of Haryana are :

- (a) Himachal Pradesh, Punjab, Bihar
- (b) Bihar, Punjab, Uttar Pradesh
- (c) Himachal Pradesh, Rajasthan, Uttar Pradesh
- (d) Uttar Pradesh, Uttarakhand, Madhya Pradesh

Answer: (c)

88. Consider the following statements about beehives : (a) Honey bees live in beehives. Every beehive has one queen Bee that lays eggs. (b) There are only a few males bees in the hive which have special roles as workers. (c) Most of the female bees in the hive are worker bees who work all the day in making the hive and also looking after the baby bees. (d) The worker bees fly around Litchi flowers in search of nectar for honey. The correct statements are :

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

Answer: (b)

89. An EVS teacher asks her students to think and answer "Why do we feel comfortable in woollens clothes during winter". This question is a :

- (a) hypothetical question
- (b) factual question
- (c) convergent question
- (d) analytical question

Answer: (d)

90. Read the following Statement (A) and Statement (B) below and choose the correct option : (A) : About 4700 years ago, some of the earliest cities flourished on the banks of river Indus and its tributaries. (B) : About 1500 years ago, cities developed on the banks of the Ganga and its tributaries.

- (a) (A) is true but (B) is false.
- (b) (A) is false but (B) is true.
- (c) Both (A) and (B) are true.
- (d) Both (A) and (B) are not true

Answer: (a)

| Language I

91. Study the following statements : (a) When she entered the drug store, Mrs. Higgins was not properly dressed. (b) She looked like the mother of a guilty person. (c) Mr. Carr did not expect her to be calm and dignified.

- (a) (a) and (c) are right but (b) is wrong.
- (b) (a) and (b) are wrong but (c) is right.
- (c) (a) and (b) are right but (c) is wrong.
- (d) (b) and (c) are right but (a) is wrong.

Answer: (a)

93. Which of the following statements is not correct ?

- (a) At Mr. Carr's accusation, Alfred's mother felt intimidated.
- (b) Yet, she was very gentle in responding to him.
- (c) Alfred was a petty thief.
- (d) He stole cream, compact and lipstick from the store.

Answer: (d)

94. Which of the following statements is not correct ?

- (a) When she introduced herself, Mr. Carr felt stupefied
- (b) He felt that he would have to forgive Alfred.
- (c) At home, Mrs. Higgins would have been enraged.
- (d) Outside, her conduct was like that of a caring mother.

Answer: (b)

96. Study the following statements : (a) Mr. Carr intended to get Alfred arrested. (b) Mrs. Higgins wanted him to be given a chance to reform himself.

- (a) Both (a) and (b) are right.
- (b) Both (a) and (b) are wrong.
- (c) (a) is right and (b) is wrong.
- (d) (b) is right and (a) is wrong.

Answer: (a)

98. Having looked at his mother, Alfred was :

- (a) pleased
- (b) surprised
- (c) shocked
- (d) scared

Answer: (b)

100. Identify the figure of speech used in the first line

- (a) Personification
- (b) Hyperbole
- (c) Simile
- (d) Metaphor

Answer: (d)

101. '..... their exits and entrances.....' The figure of speech used here is :

- (a) Personification
- (b) Hyperbole
- (c) Simile
- (d) Metaphor

Answer: (d)

102. Why is the lover's sign compared to a furnace ?

- (a) He offers warmth to his beloved.
- (b) He is writing a ballad.
- (c) He gets angry very soon.
- (d) He feels emotionally charged.

Answer: (d)



103. A soldier is jealous about his honour as :

- (a) he is ferocious like a leopard.
- (b) he wants to win at any cost.
- (c) he is jealous of his enemy.
- (d) he is very sensitive about his honour.

Answer: (d)

104. What do all men and women do ?

- (a) play outdoor games like football, cricket, etc.
- (b) fight wars
- (c) perform various roles in life
- (d) indulge in indoor games like chess, cards, etc.

Answer: (c)

106. Which one of the following is NOT true about using the library at the primary level ? The library should not just be seen as a storage space for books, rather

- (a) teachers and other adults can also model reading behaviour in the libraries.
- (b) a read-aloud of the textbook can be best done in a library.
- (c) learners can be exposed to a variety of genres of children's literature.
- (d) as an active environment for engagement with books.

Answer: (b)

107. Which approach/method doesn't encourage learners to use their native language in a language class ?

- (a) Direct method
- (b) Audio-lingual method
- (c) Natural approach
- (d) Communicative approach

Answer: (a)

108. Which one of the following should be mastered to be literate ?

- (a) Decoding and language comprehension.
- (b) Accuracy and phonological comprehension.
- (c) Phonological awareness and fluency.
- (d) Sight vocabulary and pattern recognition.

Answer: (a)

109. To create an inclusive, welcoming and joyful environment that supports every child's participation in achieving the competencies outlined in the National Curriculum Framework (NCF) can be best done by :

- (a) displaying children's work from different domains of development.
- (b) decorating the classroom for a colourful environment.
- (c) conducting indoor activities and avoiding them from outdoor activities in scorching heat.
- (d) majorly focusing on the learners good health and well being.

Answer: (a)

110. Which approach/method is geared towards the learner's main goal of using language in a real-life context ?

- (a) Direct method
- (b) Audio-lingual method
- (c) Natural approach
- (d) Communicative approach

Answer: (d)

111. A student of class V says, "I give my work a final check for accuracy before submitting it to the teacher." The student is working at the writing stage of :

- (a) Proof reading
- (b) Peer-evaluation
- (c) Drafting
- (d) Re-drafting

Answer: (a)

112. A third-grade teacher wishes to establish a reading corner in her class. In making the judgements for selecting a children's book, which one of the following questions would be most important to be considered first ?

- (a) Will the books help address the goals of the third-grade reading curriculum ?
- (b) Will these books be appropriate for use in more than one instructional context ?
- (c) Are the authors of these books well-known and respected authors of children's literature ?
- (d) Are the books written for the independent reading level of most students in the class ?

Answer: (c)

113. A teacher is planning to collect a variety of Learning Materials (TLM) for his class II students. Which one of the following is NOT a correct criterion for choosing TLMs ?

- (a) The material chosen should be preferably locally made or locally available, as this would allow for easy replacement.
- (b) The material chosen should be made by the children only and have some roughness to avoid slipperiness.
- (c) The material chosen should be attractive and safe for children of this age group to use.
- (d) The material chosen should provide adequate opportunities for the children to explore and experiment with curiosity.

Answer: (b)

114. A teacher in class III asked her learners to ask their partners five questions about their abilities using the word 'can', e.g can you swim ? This type of activity enhances :

- (a) Free speaking
- (b) Passive listening
- (c) Oral fluency practice
- (d) Controlled oral practice

Answer: (c)

115. Literacy teaching approach that emphasise the relationship between letters and sounds is :

- (a) situational approach
- (b) phonics instruction
- (c) whole language Approach
- (d) grammar translation

Answer: (b)

116. Which one of the following is NOT correct about teaching grammar effectively ?

- (a) Provide practice in communication.
- (b) Learn grammar by memorizing its rules.
- (c) Promote genuine communication.
- (d) Elicit relevant rules of grammar.

Answer: (b)

117. Which one of the following is NOT the principle for textbook design at the foundational stage ?

- (a) Concrete Principle
- (b) Technology Principle
- (c) Curriculum Principle
- (d) Presentation Principle

Answer: (a)

118. Children in the foundational stage are more engaged in learning when :

- (a) they trace or write letters repeatedly in their notebooks.
- (b) they focus only on developing fine motor skills.
- (c) they sing rhymes after the teacher.
- (d) they use multiple senses and actively use their hands.

Answer: (d)

120. A teacher asked the learners to exchange workbooks and check their partners work. The objective of this task is to :

- (a) give controlled practice of structures.
- (b) develop the skill of peer correction.
- (c) give practice in extensive reading.
- (d) give practice in using new vocabulary

Answer: (b)

| Language II

121. Which one of the following statements is true ?

- (a) He shelled the nuts for Dorothy.
- (b) Nuts mostly grow on bushes.
- (c) Scarecrow is not caring.
- (d) He knows that the nuts are good for Dorothy.

Answer: (d)

122. Which one of the following statements is not true ?

- (a) He decided to hunt his prey.
- (b) Dorothy felt amused at the way Scarecrow gathered the nuts.
- (c) Scarecrow was afraid that the Lion might kill him.
- (d) Lion could not eat the nuts gathered by the Scarecrow.

Answer: (c)

123. Study the following statements : (a) The Scarecrow gathered nuts as the tree was full of them.
(b) He feared for his life so he got busy in gathering nuts.

- (a) Both (a) and (b) are right.
- (b) Both (a) and (b) are wrong.
- (c) (a) is right and (b) is wrong.
- (d) (b) is right and (a) is wrong.

Answer: (a)

124. Study the following statements : (a) Dorothy was obliged to the Scarecrow. (b) The Scarecrow vanquished his hunger with nuts. (c) He gathered so many nuts that no one would remain hungry.

- (a) (c) and (a) are wrong but (b) is right.
- (b) (a) and (b) are right but (c) is wrong.
- (c) (a) and (b) are wrong but (c) is right.
- (d) (b) and (c) are wrong but (a) is right.

Answer: (d)

127. Which of the following statements is/are true ?

- (a) He kept the Lion away from Dorothy
- (b) Both
- (c) and
- (d) . (3) The Scarecrow was kind-hearted as he filled the basket with nuts. (4) He helped Dorothy to keep warm at night.

Answer: (b)

130. Study the following statements : (a) Different chirpings of birds evoke different emotions in a birder. (b) Sometimes birds make their nests hidden from public view.

- (a) Both (a) and (b) are right.
- (b) Both (a) and (b) are wrong.
- (c) (a) is right and (b) is wrong.
- (d) (b) is right and (a) is wrong.

Answer: (a)

133. Why should a birder have sharp ears ?

- (a) One can easily locate them from their chirping.
- (b) Their shrill shrieking can tell one that they are in danger.
- (c) One can easily distinguish their mating calls.
- (d) The birds greet each other with their morning calls.

Answer: (a)

135. Study the following statements : (a) The writer approves of the conduct of Delhi people. (b) Indian mynas are generally known for their noisy quarrels. (c) A myna couple can also be found enjoying themselves.

- (a) (a) and (c) are right but (b) is wrong.
- (b) (a) and (b) are wrong but (c) is right.
- (c) (a) and (b) are right but (c) is wrong.
- (d) (b) and (c) are right but (a) is wrong.

Answer: (d)

136. One of the best way to learn a second language is :

- (a) by repeating and practicing the dialogues as done in the audio-lingual method.
- (b) by joining a speaking course for the target language.
- (c) being in a classroom where you can focus on the grammar and receive help from a teacher.
- (d) by constant contact with native speakers in their own society.

Answer: (d)

137. If children hear two languages spoken around them, this exposure will :

- (a) not make any difference to the children.
- (b) confuse the children, hindering understanding.
- (c) put the children at a disadvantage.
- (d) put the children at an advantage.

Answer: (d)

138. The students learn patterns of language by repeating model sentences that the teacher provides. They memorise set phrases and receive positive reinforcement from their teacher when they perform the drills correctly. The teacher is using the :

- (a) Total physical response
- (b) Structural approach
- (c) Audio-lingual method
- (d) Communicative approach

Answer: (c)

139. This reading has certain learning aims and tasks, learners are supposed to read the text in detail with concentration and due care, It is called :

- (a) Guided reading
- (b) Pleasure reading
- (c) Extensive reading
- (d) Intensive reading

Answer: (d)

140. At the beginning of the lesson, a teacher divided the class into groups and asked them to talk about an interesting newspaper article that they had just read. This type of speaking activity is for enhancing :

- (a) Guided oral practice.
- (b) Active listening.
- (c) Oral fluency practice.
- (d) Controlled oral practice.

Answer: (c)

141. Children's cognitive development and language :

- (a) development bear no relationship.
- (b) is closely related to the culture and the community in which children live.
- (c) is related to the principle of linking stimulus-response and a process of imitation.
- (d) is that an individual is born with a tool to master the language

Answer: (b)

142. To assess reading skills at primary level a language teacher should most importantly focus on :

- (a) reading at a proper speed.
- (b) reading with understanding.
- (c) identifying the letters of alphabet.
- (d) use of punctuation mark.

Answer: (b)

143. Whole language approach is :

- (a) Blends sounds
- (b) Infers a sound-symbol relationship
- (c) Meaning based
- (d) Skill based

Answer: (c)

144. A teacher asked the students of class V to read the story quickly and then put the four pictures in order. The purpose of this activity is to :

- (a) give them practice in reading for specific information.
- (b) revise the new and difficult vocabulary of the story.
- (c) arrange the picture cards.
- (d) give them practice to reading for the gist.

Answer: (d)

145. "Language learning is an intensive process that begins at birth and continues throughout life." Do you agree or disagree with the above statement ?

- (a) I partially agree with the statement.
- (b) I partially disagree with the statement.
- (c) I agree with this statement.
- (d) I disagree with this statement.

Answer: (d)

146. Assessment tools and processes at the foundation stage should be designed in a way that :
- (a) learner's progress is described and analysed with that of the overall class performance.
 - (b) a teacher may use common single method to assess the achievement of all the learners.
 - (c) explicit tests and examinations become appropriate for learners.
 - (d) they become a natural extension of the child's learning experience.

Answer: (d)

147. Learners are memorising grammar rules and vocabulary and large amount of work is done in their mother tongue. Which method is being used by the teacher into his language class ?

- (a) Communicative teaching
- (b) Grammar Translation
- (c) Direct method
- (d) Natural approach

Answer: (b)

148. Along with print books and audio books the books that engage the tactile abilities of young children should be a part of the classroom because :

- (a) it makes books more accessible to diverse learners.
- (b) these books will not overly burden a teacher.
- (c) it brings variety to the class and children love variety.
- (d) it gives autonomy to teachers to use different books for assessment.

Answer: (a)

149. A big challenge in learning to read is finding motivation and good children's literature. To overcome this challenge :

- (a) Provide easily accessible Children's literature to motivate and generate interest in reading.
- (b) School authorities must take learners to book fairs to generate motivation and interest in reading books.
- (c) Teachers should motivate them to read a book everyday as homework.
- (d) Encourage parents to establish a small library at home.

Answer: (a)

150. A good speaking activity is the one during which :

- (a) learners talk more
- (b) participation by outspoken students is the maximum
- (c) teachers explains more
- (d) learners listens more

Answer: (a)

Answer key

Answer key from the Central Board of Secondary Education's official answer key for this sitting. "—" means the key gave none.

Child Development and Pedagogy

1	(c)	2	(d)	3	(b)	4	(b)	5	(d)	6	(b)	7	(c)	8	(c)
9	(a)	10	(c)	11	(b)	12	(d)	13	(d)	14	(d)	15	(d)	16	(c)
17	(a)	18	(c)	19	(b)	20	(d)	21	(c)	22	(c)	23	(a)	24	(b)
25	(a)	26	(d)	27	(a)	28	(c)	29	(a)	30	(d)				

Mathematics

31	(b)	32	(a)	33	(d)	34	(b)	35	(d)	36	(c)	37	(a)	38	(c)
39	(d)	40	(c)	41	(b)	42	(d)	43	(a)	44	(b)	45	(b)	46	(d)
47	(a)	48	(b)	50	(d)	51	(d)	52	(a)	53	(b)	54	(d)	55	(d)
56	(a)	57	(c)	58	(b)	59	(a)	60	(d)						

Environmental Studies

61	(c)	62	(b)	63	(a)	64	(b)	65	(b)	67	(b)	68	(c)	69	(c)
70	(b)	71	(b)	72	(a)	73	(b)	74	(d)	75	(d)	76	(b)	77	(a)
78	(c)	79	(c)	80	(a)	81	(c)	82	(a)	83	(a)	84	(d)	86	(d)
87	(c)	88	(b)	89	(d)	90	(a)								

Language I

91	(a)	93	(d)	94	(b)	96	(b)	98	(b)	100	(d)	101	(d)	102	(d)
103	(d)	104	(c)	106	(b)	107	(a)	108	(a)	109	(a)	110	(d)	111	(a)
112	(c)	113	(b)	114	(c)	115	(b)	116	(b)	117	(a)	118	(d)	120	(b)

Language II

121	(d)	122	(c)	123	(a)	124	(d)	127	(b)	130	(a)	133	(a)	135	(d)
136	(d)	137	(d)	138	(c)	139	(d)	140	(c)	141	(b)	142	(b)	143	(c)
144	(d)	145	(d)	146	(d)	147	(b)	148	(a)	149	(a)	150	(a)		