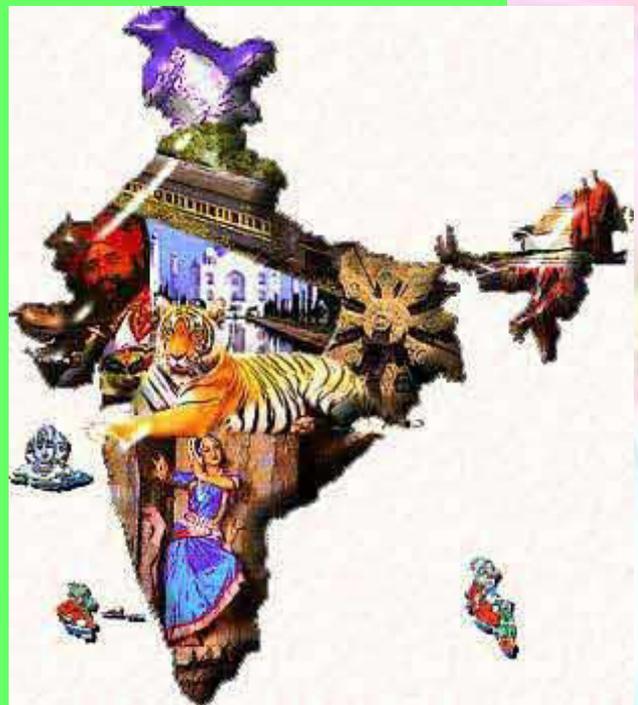


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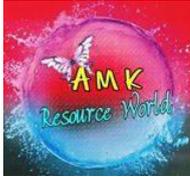
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CTET

SAMPLE QUESTION PAPER

1. A creative learner refers to one who is
- (1) very talented in drawing and painting
 - (2) highly intelligent
 - (3) capable of scoring consistently good marks in tests
 - (4) good at lateral thinking and problem solving

Ans. (4)

2. Individual learners differ from each other in
- (1) principles of growth and development
 - (2) rate of development
 - (3) sequence of development
 - (4) general capacity for development

Ans. (2)

3. Every learner is unique means that
- (1) No two learners are alike in their abilities, interests and talents
 - (2) Learners do not have any common qualities, nor do they share common goals
 - (3) A common curriculum for all learners is not possible
 - (4) It is impossible to develop the potential of learners in a heterogeneous class

Ans. (1)

4. Constructivism as a theory
- (1) focuses on the role of imitation
 - (2) emphasises the role of the learner in constructing his own view of the world

- (3) emphasises on memorising information and testing through recall
- (4) emphasises on the dominant role of the teacher

Ans. (2)

5. Development of concepts is primarily a part of

- (1) emotional development
- (2) intellectual development
- (3) physical development
- (4) social development

Ans. (2)

6. Heredity is considered as a social structure.

- (1) primary
- (2) secondary
- (3) dynamic
- (4) static

Ans. (4)

7. The most intense and crucial socialization takes place

- (1) throughout the life of a person
- (2) during adolescence
- (3) during early childhood
- (4) during adulthood

Ans. (2)

8. Helping learners recapitulate or recall what they have already learnt is important because

- (1) it is a convenient beginning for any classroom instruction
- (2) relating new information to prior knowledge enhances learning
- (3) it is an effective way of revising old lessons
- (4) it enhances the memory of learners thereby strengthening learning

Ans. (2)

9. According to Piaget, during the first stage of development (birth to about 2 years age), a child learns best

- (1) by using the senses
- (2) by comprehending neutral words

- (3) by thinking in an abstract fashion
- (4) by applying newly acquired knowledge of language

Ans. (1)

10. Theory of learning which totally and only depends on 'observable behaviour' is associated with theory of learning.

- (1) Cognitivist
- (2) Developmental
- (3) Behaviourist
- (4) Constructivist

Ans. (3)

11. Multilingual character of Indian society should be seen as

- (1) a hindrance in teaching-learning process
- (2) a resource for enrichment of school life
- (3) a challenge to teacher's capacity to motivate students to learn
- (4) a factor that makes school life a complex experience for the learners

Ans. (2)

12. Creative answers require

- (1) direct teaching and direct questions
- (2) content-based questions
- (3) open-ended questions
- (4) a highly disciplined classroom

Ans. (3)

13. Diagnosis of the gaps in the learning of students should be followed by

- (1) appropriate remedial measures
- (2) intensive drill and practice.
- (3) systematic revision of all lessons
- (4) reporting the findings to learners and parents

Ans. (1)

14. Which of the following statements cannot be considered as a feature of 'learning' ?

- (1) Learning is a process that mediates behaviour
- (2) Learning is something that occurs as a result of certain experiences

- (3) Study of behaviour is learning
- (4) Unlearning is also a part of learning

Ans. (3)

15. 'Self-regulation' of learners refers to

- (1) their ability to monitor their own learning
- (2) creating regulations for student behaviour
- (3) rules and regulations made by the student body
- (4) self-discipline and control

Ans. (1)

16. Which of the following does **not** reflect 'teaching for understanding' ?

- (1) Ask students to explain a phenomenon or a concept in their own words
- (2) Teach students to provide examples to illustrate how a law works
- (3) Help students see similarities and differences and generate analogies
- (4) Enable students to memorize isolated facts and procedures

Ans. (4)

17. Which of the following statements is true about 'learning' ?

- (1) Errors made by children indicate that no learning has taken place.
- (2) Learning is effective in an environment that is emotionally positive and satisfying for the learners.
- (3) Learning is not affected by emotional factors at any stage of learning.
- (4) Learning is fundamentally a mental activity.

Ans. (2)

18. Human development is based on certain principles. Which of the following is **not** a principle of human development?

- (1) Continuity
- (2) Sequentiality
- (3) General to Specific
- (4) Reversible

Ans. (4)

19. The main purpose of assessment should be

- (1) to point out the errors of the learners
- (2) to measure the achievement of learners

- (3) to decide if a student should be promoted to the next class
- (4) to diagnose and remedy gaps in learning

Ans. (4)

20. Centrally sponsored scheme of Integrated Education for disabled children aims at providing educational opportunities to children with disabilities in

- (1) regular schools
- (2) special schools
- (3) open schools
- (4) Blind Relief Association schools

Ans. (1)

21. Which of the following is **not** a sign of reading difficulty among young learners?

Difficulty in

- (1) letter and word recognition
- (2) reading speed and fluency
- (3) understanding words and ideas
- (4) spelling consistency

Ans. (3)

22. A teacher wants the gifted children of her 'class to achieve their potential. Which of the following should she **not** do to achieve her objective?

- (1) Teach them to enjoy non-academic activities
- (2) Teach them to manage stress
- (3) Segregate them from their peers for special attention
- (4) Challenge them to enhance their creativity

Ans. (3)

23. Which of the following is **not** a characteristic feature of intrinsically motivated children?

- (1) They always succeed
- (2) They enjoy doing their work
- (3) They display a high level of energy while working
- (4) They like challenging tasks

Ans. (1)

24. Which of the following is **not** an appropriate tool for Formative Assessment?

- (1) Assignment
- (2) Oral questions
- (3) Term test
- (4) Quiz and games

Ans. (3)

25. Learners should **not** be encouraged to

- (1) ask as many questions as possible both inside and outside the class
- (2) actively interact with other learners in group work
- (3) participate in as many co-curricular activities as possible
- (4) memorize all the answers to questions which the teacher may ask

Ans. (4)

26. Irfan breaks toys and dismantles them to explore their components. What would you do?

- (1) Never let Irfan play with toys
- (2) Always keep a close watch
- (3) Encourage his inquisitive nature and channelise his energy
- (4) Make him understand that toys should not be broken

Ans. (3)

27. The statement 'Men are generally more intelligent than women'

- (1) is true
- (2) may be true
- (3) shows gender bias
- (4) is true for different domains of intelligence

Ans. (3)

28. Understanding the principles of development of a child helps a teacher in

- (1) identifying the social status of the learner
- (2) identifying the economic background of the learner
- (3) rationalizing why the learner ought to be taught
- (4) effectively catering to the different learning styles of learners

Ans. (4)

29. Christina took her class for a field trip and after coming back, she discussed the trip with her students. It may be connotated as

- (1) Assessment of Learning
- (2) Assessment for Learning
- (3) Learning for Assessment
- (4) Learning of Assessment

Ans: (1)

30. The statement: 'An important precondition for the proper development of a child is ensuring her/his healthy physical development'

- (1) is untrue as physical development does not affect other domains of development in anyway
- (2) may be incorrect as development varies from individual to individual
- (3) is true because physical development occupies the topmost place In the sequence of development
- (4) is true because physical development is interrelated with other domains of development

Ans: (4)

MATHEMATICS AND SCIENCE

Directions: Answer the following questions by selecting the **most appropriate** option.

31. The ratio between the length and the perimeter of a rectangular plot is 1:3. What is the ratio between the length and breadth of the plot?

- (1) 1: 2
- (2) 2: 1
- (3) 3: 2
- (4) Data inadequate

Ans: (2)

32. If $a * b = a^2 + b^2$ and $a . b = a^2 - b^2$, the value of $(5 * 2) . 25$ is

- (1) 215
- (2) 225
- (3) 226
- (4) 216

Ans: (4)

33. If a, b and c are three natural numbers in ascending order, then

- (1) $c^2 - a^2 > b$
- (2) $c^2 - a^2 = b^2$
- (3) $c^2 - a^2 < b^2$
- (4) $c^2 + b^2 = a^2$

Ans. (1)

34. 'Buy three, get one free.' What is the percentage of discount being offered here ?

- (1) 33.33%
- (2) 25%
- (3) 20%
- (4) 28.56%

Ans. (1)

35. The Value of $\sqrt{2} + \sqrt{3} + \sqrt{2} - \sqrt{3}$ is

- (1) $\sqrt{6}$
- (2) 6
- (3) $2\sqrt{2}$
- (4) $2\sqrt{3}$

Ans. (3)

36. When recast, the radius of an iron rod is made one-fourth. If its volume remains constant, then the new length will become

- (1) 1/4 times of the original
- (2) 1/16 times of the original
- (3) 16 times of the original
- (4) 4 times of the original

Ans. (3)

37. Find the value of $547527/82$ if $547.527/0.0082 = x$

- (1) $x/10$
- (2) $10x$
- (3) $100x$
- (4) $x/100$

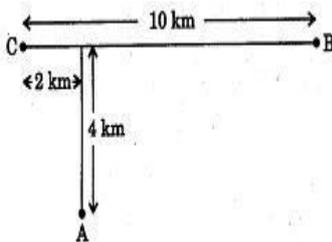
Ans. (3)

38. The smallest number by which 68600 must be multiplied to get a perfect cube is

- (1) 5
- (2) 10
- (3) 8
- (4) 12

Ans: (1)

39. A cyclist at 'C' is cycling towards 'B'. How far will he have to cycle from C before he is equidistant from both A and B ?



- (1) 4 km
- (2) 3 km
- (3) 6 km
- (4) 5 km

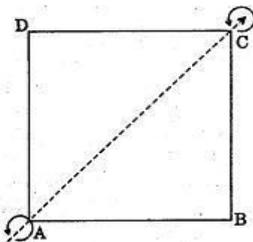
Ans: (4)

40. Unit's digit in 13^{2003} is

- (1) 1
- (2) 3
- (3) 7
- (4) 9

Ans: (3)

41. A square sheet ABCD when rotated on its diagonal AC as its axis of rotation sweeps a



- (1) cone
- (2) spindle
- (3) cylinder
- (4) trapezium

Ans: (2)

42. The area of a triangle with base x units is equal to the area of a square with side x units. Then the altitude of the triangle is

- (1) $x/2$ units
- (2) x units
- (3) $2x$ units
- (4) $3x$ units

Ans: (3)

43. Which is greatest among 33 and half %; $4/15$ and 0.35 ?

- (1) 33 and half %
- (2) $4/15$
- (3) 0.35
- (4) Cannot be compared

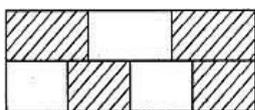
Ans: (3)

44. The factorisation of $25 - p^2 - q^2 - 2pq$ is

- (1) $(5 + p + q)(5 - p + q)$
- (2) $(5 + p + q)(5 - p - q)$
- (3) $(5 + p - q)(5 - p + q)$
- (4) $(5 + p - q)(5 - p - q)$

Ans: (2)

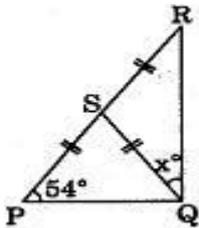
45. A rectangle is divided horizontally into two equal parts. The upper part is further divided into three equal parts and the lower part is divided into four equal parts. Which fraction of the original rectangle the shaded part ?



- (1) $3/5$
- (2) $2/7$
- (3) $4/7$
- (4) $7/12$

Ans: (4)

46. In the given figure, $PS = SQ = SR$ and $\angle SPQ = 54^\circ$. Find the measure of $\angle x$.



- (1) 54°
- (2) 72°
- (3) 108°
- (4) 36°

Ans: (1)

47. $2x - 13$, $2x - 11$, $2x - 9$, $2x - 7$ are consecutive

- (1) Prime numbers
- (2) Even numbers
- (3) Odd numbers
- (4) Natural numbers

Ans: (3)

48. The fractional equivalent of 57.12% (approx.) is

- (1) $349/625$
- (2) $359/625$
- (3) $357/625$
- (4) $347/625$

Ans: (3)

49. The ratio of the side and height of an equilateral triangle is

- (1) 2 : 1
- (2) 1 : 1
- (3) $2 : \sqrt{3}$
- (4) $\sqrt{3} : 2$

Ans. (3)

50. If two adjacent sides of a square paper are decreased by 20% and 40% respectively, by what percentage does the new area decrease?

- (1) 48%
- (2) 50%
- (3) 52%
- (4) 60%

Ans.

51. $4/16 - 1/8 = 3/8$

$6/7 - 2/9 = 4/2$

The above represents the work of a student. If this error pattern continues, the student's answer to $5/11 - 2/7$ will be

- (1) $7/18$
- (2) $3/4$
- (3) $3/7$
- (4) $2/18$

Ans. (2)

52. A teacher in grade-VI provided each child with a centimeter grid paper and a pair of scissors. She wanted them to explore how two-dimensional shapes can be folded into three-dimensional objects. Which of the following concepts are the students exploring?

- (1) Rotation
- (2) Reflection
- (3) Nets
- (4) Decimals

Ans.

53. When doing exponents, the work observed in a learner's notebook was as follows :

$$4^3 \times 4^2 = 4^5$$

$$6^4 \times 6^4 = 6^8$$

$$7^3 \times 3^7 = 21^{10}$$

The learner has not understood how to

- (1) add exponents
- (2) add exponents and multiply
- (3) multiply numbers with same base
- (4) multiply numbers with different bases

Ans. (4)

54. Teachers, while discussing problem-solving as an approach to teaching of mathematics, articulated four views. Which of the following views does **not** justify the real meaning of this approach?

- (1) 'I think questions on problem-solving should be made from situations based on real life.'
- (2) 'I think many questions found in the mathematics textbook can be used for problem-solving.'
- (3) 'I think it is better to connect problem-solving with general mathematics class.'
- (4) 'I think there is no correlation between problem-solving and mathematical reasoning.'

Ans.

55. Given linear equations I, II and III, a learner is not able to solve III algebraically. The most likely area of difficulty is that the learner has not understood

$$\begin{matrix} 4x + 6y = 12 \\ 2x + 6y = 8 \end{matrix}$$

I

$$\begin{matrix} 5x + 4y = 8 \\ 9x + 4y = 10 \end{matrix}$$

II

$$\begin{matrix} 6x + 2y = 1 \\ 4x + 3y = 1 \end{matrix}$$

III

- (1) that two equations can be added or subtracted to solve them
- (2) that two equations can be solved by method of substitution
- (3) the method of solving equations using graphs
- (4) that both the equations in III can be altered by multiplying with suitable numbers

Ans. (2)

56. When introducing mensuration, a teacher writes all the formulae on the board before proceeding further. This reflects that she is following the

- (1) Inductive approach
- (2) Deductive approach
- (3) Experimental approach
- (4) Practical approach

Ans. (2)

57. Ameena is playing with matchsticks and adds one  at each stage



Appu, on the other hand, makes a table.

| | | | | |
|-----------------------|---|---|---|-----|
| Number of L's | 1 | 2 | 3 | ... |
| Number of matchsticks | 2 | 4 | 6 | .. |

What is your observation about the two children in this situation?

- (1) Ameena is only playing and Appu is doing mathematics
- (2) Ameena will need lots of matchsticks to come to a generalisation. However, Appu would be faster
- (3) Both Ameena and Appu are trying to make generalisations
- (4) Ameena would be learning by doing and Appu may not be able to see the pattern at all

Ans. (1)

58. To be good in mathematics, one needs to

- (1) remember solutions
- (2) have mastery over calculations
- (3) create and formulate problems through abstract thinking and logical reasoning
- (4) memorise formulae

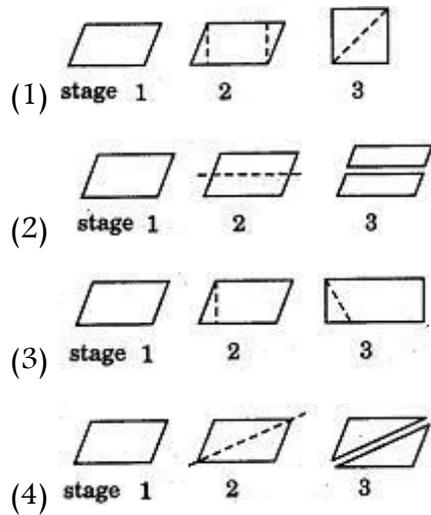
Ans. (3)

59. Students make errors while solving mathematical problems because

- (1) they do not practise enough
- (2) they do not refer to multiple textbooks
- (3) their socio-economic status affects their performance
- (4) they make alternative interpretations of concepts in their attempt to make meaning

Ans. (4)

60. With an activity on paper folding, a teacher was trying to depict the relationship of the areas of a parallelogram and a triangle. Which of the following best depicts the transformation of stages?



Ans. (4)

61. Bakelite is used in making electrical appliances because it is a

- (1) thermoplastic
- (2) good conductor of heat
- (3) good conductor of electricity
- (4) good insulator of electricity

Ans. (4)

62. In which of the following cases of motion, are the distance moved and the magnitude of displacement equal ?

- (1) A car moving on a straight road
- (2) A car moving in a circular path
- (3) A pendulum oscillating to and fro
- (4) The Earth revolving around the Sun

Ans. (1)

63. LED and CFL are very commonly used as sources of light in homes. Which of the following statements is true ?

- (1) CFL is better because LED contains toxic materials
- (2) LED is better because CFL contains toxic materials
- (3) Both are equally good
- (4) Neither of them is good because both contain toxic materials

Ans. (2)

64. An air bubble inside water behaves like a

- (1) concave lens
- (2) convex lens
- (3) plano-convex lens
- (4) concave mirror

Ans. (1)

65. A feather weighing 5 gm and a nail weighing 10 gm have the same kinetic energy. Which of the following statements is true about the momentum of the two bodies ?

- (1) The lighter body will have higher momentum
- (2) The heavier body will have higher momentum
- (3) Both will have equal momentum
- (4) It is not possible to compare the momentum. of two objects

Ans. (2)

66. If the pressure over a liquid increases, its boiling point

- (1) decreases
- (2) Increases
- (3) does not change
- (4) first decreases and then increases

Ans: (2)

67. A doctor prescribes a medicine to treat hyperacidity. The main ingredient of the medicine is

- (1) $\text{Al}(\text{OH})_3$
- (2) MgCl_2
- (3) CaCO_3
- (4) Na_2CO_3

Ans: (1)

68. Non-metallic oxides

- (1) are acidic in nature
- (2) are basic in nature
- (3) are amphoteric in nature
- (4) turn red litmus paper blue

Ans: (1)

69. The inner surfaces of food cans are coated with tin and not with zinc because

- (1) zinc is costlier than tin
- (2) zinc is more reactive than tin
- (3) zinc has a higher melting point than tin
- (4) zinc is less reactive than tin

Ans. (2)

70. A man goes door to door posing as a goldsmith. He promises to bring back the glitter on dull gold ornaments. An unsuspecting woman gives a set of gold bangles to him which he dips in a particular solution. The bangles sparkle but their weight has considerably reduced. The solution used by the impostor probably is

- (1) dil. HCl
- (2) cone. HCl
- (3) a mixture of cone. HCl and cone. HNO_3
- (4) cone. HNO_3

Ans. (3)

71. Bleeding is stopped by the application of alum to a wound because

- (1) the wound is plugged by the alum chunk
- (2) alum coagulates the blood and forms a clot
- (3) alum reduces the temperature near the wound
- (4) alum is an antiseptic

Ans. (2)

72. When an iron nail is dipped in copper sulphate solution, the colour of copper sulphate solution fades and a brownish layer is deposited over the iron nail. This is an example of

- (1) combination reaction
- (2) decomposition reaction
- (3) double displacement reaction
- (4) displacement and redox reactions

Ans. (4)

73. While diluting sulphuric acid, it is recommended that the acid should be added to water because

- (1) acid has strong affinity for water
- (2) acid may break the glass container
- (3) dilution of acid is highly exothermic
- (4) dilution of acid is highly endothermic

Ans. (3)

74. The thumb of humans moves more freely than other fingers due to the presence of

- (1) pivotal joint
- (2) gliding joint
- (3) hinge joint
- (4) saddle joint

Ans. (4)

75. Root cap is absent in

- (1) Xerophytes
- (2) Hydrophytes
- (3) Mesophytes
- (4) Halophytes

Ans: (2)

76. Adding salt and sugar to food substances helps In preserving them for a longer duration. It is because excess salt and sugar

- (1) plasmolyse the microbial cells
- (2) cause rupturing of microbial cells
- (3) cause change in the shape of microbial cells
- (4) remove water from food

Ans: (1)

77. Hormone Adrenaline

- (1) helps control level of sugar in the blood
- (2) helps the body to adjust stress level when one is very angry or worried
- (3) helps control height
- (4) helps control balance of electrolytes in the body

Ans: (2)

78. The green house effect which is causing an increase in the atmospheric temperature is mainly due to

- (1) oxygen
- (2) nitrogen
- (3) carbon dioxide
- (4) sulphur

Ans. (3)

79. Green plants appear to release oxygen instead of carbon dioxide into the atmosphere during the day time because

- (1) green plants do not respire during the night time
- (2) green plants respire only during the night time
- (3) green plants respire during the day time but are involved in photosynthesis during the night time
- (4) the rate of photosynthesis is higher than the rate of respiration during the day time

Ans. (4)

80. A common characteristic feature of plant sieve-tube cells and mammalian erythrocytes is

- (1) absence of nucleus
- (2) absence of chloroplast
- (3) absence of cell wall
- (4) presence of haemoglobin

Ans. (1)

81. Most Boards of Education have banned the dissection of animals because

- (1) animals are no longer available for dissection
- (2) procuring animals has become an expensive proposition
- (3) there is a need to sensitise students to prevention of cruelty to animals
- (4) they may spread new diseases

Ans. (3)

82. The main aim of conducting Mathematics and Science Olympiads is to

- (1) promote excellence in the subject by nurturing creativity and experimentation
- (2) grade students according to their capabilities
- (3) help students score high marks in professional examinations
- (4) grade schools based on the performance of their students

Ans. (1)

83. Four applicants for a post of TGT (Science) were asked to plan a lesson on "Consequences of Deforestation", Which one of the following lesson plans reflects the scientific approach ?

- (1) Explains in detail the consequences of deforestation
- (2) Provides a variety of examples to explain the concept
- (3) Includes activities that children can perform in groups and draw conclusions through a Power Point presentation
- (4) Mentions about the use of ICT to help students understand the concept

Ans. (3)

84. Ms. Patel, Principal of a School XYZ, is keen about integrated approach to teaching of Science rather than teaching different disciplines separately. The basis of this is

- (1) non-availability of qualified teachers in her school to teach separate disciplines
- (2) difficulty to adjust the teachers in the time-table
- (3) difficulty of students to adjust to different teachers
- (4) all the disciplines are interlinked and a teacher can draw on cross-curricular linkages

Ans. (4)

85. A teacher plans to teach "Components of Food" in Class-VI. Which of the following can be used as an essential question ?

- (1) List the food items your mother serves you in lunch.
- (2) Why does your mother serve you a meal with a variety of food items ?
- (3) Does your mother prepare a definite set of food items for lunch every day?
- (4) Do you eat all the items served in your lunch every day?

Ans. (2)

86. While teaching the concept, "force can change the shape of an object" to students, a teacher plans the following activities:

- a. Explain concepts using commonly observed examples.
- b. Provide a dough on a plate and ask the students to press it down with the hand.
- c. Show an audio-visual film explaining the concept with some examples.

The teacher is using different approaches to learning because

- (1) she wants to prove her knowledge

- (2) she knows she must follow her lesson plan
- (3) she wants to prepare students for a test
- (4) there are different kinds of learners in the class and she wants to address multiple intelligences

Ans.

87. Which of the following can be assessed when Geeta is using only MCQ as a tool to assess "Nutrition in Humans" ?

- (1) Analytical ability to classify food items and make a poster
- (2) Misconceptions related to food habits
- (3) Learners' ability to apply knowledge and prepare a role play to present in the morning assembly
- (4) Learners' ability to comprehend the importance of components of food and write a long essay

Ans. (2)

88. A Science teacher plans group activities to teach "Properties of Air" to her students of Class-VI. Which one set of attributes would she like to have in the students she selects as group leaders ?

- (1) Freedom to choose roles, work at their own pace and understanding
- (2) Ordering students to take roles and deliver in consonance with their understanding
- (3) Giving major roles to brighter students to ensure the group finishes first
- (4) Assigning roles as per capability, motivating and coordinating among the group members

Ans. (4)

89. While selecting a performance task to help students develop research oriented skills in a Science class, a teacher may pick up a topic

- (1) from the content given in the syllabus which must be completed in time
- (2) which majority of the students in a class find interesting
- (3) which she thinks is important for the students
- (4) related to a problem faced by students in their day-to-day functioning and which is a part of the concepts to be covered for this class

Ans. (4)

90. While investigating 'how water affects the germination of seeds', a teacher asked the students to soak bean seeds on a bed of cotton wool for a few days and observe the changes. What is the guideline that she forgot to mention?

To place

- (1) many seeds on wet cotton
- (2) a few seeds on wet cotton
- (3) many seeds on dry cotton
- (4) a few seeds on dry cotton

Ans. (2)

LANGUAGE I

ENGLISH

Directions. Read the passage given below and answer the questions that follow (Q. No. 91 to 99) by selecting the **most appropriate** option.

Surviving a Snakebite

1 Annually, there are a million cases of snakebite in India and of these, close to 50,000 succumb to the bites.

2 When you look around the countryside, where most bites occur, and notice people's habits and lifestyles, these figures aren't surprising. People walk barefoot without a torch at night when they are most likely to step on a foraging venomous snake.

3 We encourage rodents by disposing waste food out in the open, or by storing foodgrains in the house. Attracted by the smell of rats, snakes enter houses and when one crawls over someone asleep on the floor and the person twitches or rolls over, it may bite in defence.

4 Once bitten, we don't rush to the hospital. Instead, we seek out the nearest conman, tie tourniquets, eat vile tasting herbal chutneys, apply poultices or spurious stones, cut/slice/suck the bitten spot, and other ghastly time-consuming deadly "remedies".

5 As Rom cattily remarks : "If the snake hasn't injected enough venom, even popping an aspirin can save your life." That's the key - snakes inject venom voluntarily and we have no way of knowing if it has injected venom, and if it is a lethal dose. The only first aid is to immobilise the bitten limb like you would a fracture, and get to a hospital for anti-venom serum without wasting time.

91. Of the people who are. bitten by snakes in India, the fatality rate is

(1) 5%

(2) 25%

(3) 50%

(4) 100%

Ans.

92. According to the author, people living in which parts are more prone to snake bites?

(1) Crowded cities

(2) The open

(3) Villages

(4) Forests

Ans. (3)

93. Storing foodgrains in the house is one of the causes for snake bites because

(1) foodgrains attract rats which in turn attract snakes

(2) snakes enter houses in search of stored foodgrains

(3) the smell of foodgrains brings both snakes and other animals into the house

(4) stored foodgrains create convenient hiding places for snakes within houses

Ans. (1)

94. '... it may bite in defence' (para-3). This observation implies that

(1) a snake is very good at defending itself

(2) a snake may bite a human being in order to defend its prey

(3) human beings are defenceless against snakes

(4) a snake bites a human only when it is threatened

Ans. (4)

95. What, according to the author, is the reason for the high fatality rate due to snakebites in India?

- (1) Shortage of medical facilities
- (2) Lack of scientific knowledge about snakebites
- (3) Shortage of anti-venom serum
- (4) Shortage of doctors

Ans. (2)

96. In the instance of a snakebite, what should we do immediately?

- (1) Tie tourniquets
- (2) Eat herbal chutneys
- (3) Immobilise the bitten part and get anti-venom serum
- (4) Cut-slice-suck the bitten spot

Ans. (3)

97. Pick out a word from the passage which means 'to go around in search of food'. (Para 2)

- (1) Foraging
- (2) Countryside
- (3) Venomous
- (4) barefoot

Ans. (1)

98. "If the snake hasn't injected enough venom, even popping an aspirin can save your life."
This sentence can be rewritten without changing the meaning as

(1) When a snake has not injected enough venom, life can be saved even by swallowing an aspirin.

(2) Life can be saved even by swallowing an aspirin, even though the snake hasn't injected enough venom.

(3) Even popping an aspirin can save your life, in spite of a snake not having injected enough venom.

(4) As long as you are popping an aspirin to save your life, the snake will not inject enough venom.

Ans. (1)

99. Pick out a word from the passage, that power to cause death'. means 'having the (Para 5)

(1) immobilise

(2) voluntarily

(3) lethal

(4) serum

Ans. (3)

Directions. Read the poem given below and answer the questions that follow (Q. No. 100 - 105) by selecting the **most appropriate** option.

Common Cold

1 Go hang yourself, you old M.D.! You shall not sneer at me. Pick up your hat and stethoscope, Go wash your mouth with laundry soap; I contemplate a joy exquisite I'm not paying you for your visit. I did not call you to be told My malady is a common cold.

2 By pounding brow and swollen lip; By fever's hot and scaly grip; By those two red

redundant eyes That weep like woeful April skies; By racking snuffle, snort, and sniff; By handkerchief after handkerchief; This cold you wave away as naught Is the damnedest cold man ever caught !

3 Bacilli swarm within my portals Such as were ne'er conceived by mortals, But bred by scientists wise and hoary In some Olympic laboratory; Bacteria as large as mice, With feet of fire and heads of ice

Who never interrupt for slumber Their stamping elephantine rumba.

100. What is the emotion that the poet displays in the first stanza ?

(1) Anger

(2) Joy

(3) Jealousy

(4) Sympathy

Ans. (3)

101. Why and at whom does the poet show his emotion?

(1) At an old man because he has sneered at the poet

(2) At a doctor for an incorrect diagnosis of his medical condition

(3) At a friend who is happy at the poet's plight

(4) At a doctor who has said the poet merely has a cold

Ans. (4)

102. The poet describes his eyes as 'two red redundant eyes' because .

(1) he cannot see properly due to the cold

(2) they show how furious the poet is

(3) they have been affected by an eye-disease

(4) in his medical condition the poet is imagining things

Ans. (1)

103. 'Bacteria as large as mice' is an instance of a/ an

(1) simile and a hyperbole

(2) metaphor

(3) personification

(4) alliteration

Ans.

104. 'Who never interrupt for slumber Their stamping elephantine rumba.' The meaning of these lines is that

(1) the bacteria are continuously stamping their elephant-like feet

(2) the cold-causing germs are causing much discomfort and pain to the poet without any break

(3) the bacilli are so active that they refuse to go to sleep

(4) the poet is not able to concentrate on his work due to the raging cold

Ans. (2)

105. The general tone of the poem can be described as

(1) satirical and harsh

(2) ironical and mocking

(3) whimsical and humorous

(4) sad and tragic

Ans. (1)

Directions. Answer the following questions by selecting the **most appropriate** option.

106. The Constructivist Approach to learning means

(1) involving the students in a variety of activities to encourage them to learn new words and structures by accommodating them with those that they have already learnt through a process of discovery

(2) teaching rules of grammar and consolidating through rigorous practice

(3) helping learners acquire new vocabulary by studying literature intensively

(4) teaching new words and structures using a variety of audio-visual aids followed by practice through drill

Ans. (1)

107. What is the skill among the ones given below that cannot be tested in a formal written examination?

(1) Reading for information

(2) Meaning of words and phrases

(3) Extensive reading for pleasure

(4) Analysing texts

Ans. (3)

108. Which of the following is suitable for making students responsible for their own learning?

(1) Discouraging students from making decisions about how they learn best

(2) Using technology to chat and network

(3) Encouraging students to ask more and more questions

(4) Giving a lot of homework, project work and assignments to improve language skills of students

Ans. (3)

109. Ania, while teaching paragraph construction, should draw attention to

(1) a large variety of ideas

(2) originality of ideas

(3) topic sentence, supporting details and connectors

(4) a range of vocabulary

Ans. (3)

110. Communicative Language Teaching is concerned with

(1) teaching of vocabulary and grammar through rules of spelling and language

(2) teaching language to learners for written tests

(3) interpreting grammar rules to suit the audience

(4) enhancing receptive and productive skills such as speaking, listening, reading and writing

Ans. (4)

111. Formative Assessment is assessment

(1) of learning

(2) at learning

(3) in learning

(4) for learning

Ans. (1)

112. The term 'Comprehensive' in Continuous and Comprehensive Evaluation means

(1) scholastic development

(2) co-scholastic development

(3) academic skills

(4) scholastic and co-scholastic development

Ans.

113. A teacher designs a test to find out the cause of the poor grades of her learners through alan

(1) Diagnostic Test

(2) Proficiency Test

(3) Achievement Test

(4) Aptitude Test

Ans. (1)

114. An inclusive class is that in which

(1) differently abled learners study with normal students

(2) students from different nationalities study together

(3) students from different religions study together

(4) both boys and girls study together

Ans. (1)

115. 'Concrete Operational Stage' refers to those learners who are

(1) adolescents

(2) at middle level

(3) toddlers

(4) adults

Ans. (2)

116. When learners are engaged in a pair activity, taking on roles of a doctor and a patient, the activity is called

(1) Real Activity

(2) Declamation

(3) Simulation

(4) Exchanging notes

Ans. (3)

117. Essays or long writing tasks especially on a discursive issue should

(1) help students develop their literary skills

(2) help students with grammar

(3) help them to improve their handwriting

(4) help them discuss the different points of view and justify them with illustrative points

Ans. (4)

118. A teacher, Amrita, uses various tasks such as creating charts, graphs, drawing, gathering information and presenting them through pair or group work. This differentiated instruction

(1) helps learners with multiple intelligences to perform well and learn better

(2) is a way of demonstrating her own knowledge

(3) only helps the bright learners

(4) is the best way to prepare students for an assessment

Ans.

119. Using a word bank and brainstorming helps to build

(1) Vocabulary

(2) Ideas

(3) Writing skills

(4) Reading comprehension

Ans. (1)

120. Gender stereotypes and bias among learners can be discouraged by

(1) enabling all learners to cook and sew irrespective of gender

(2) using textbooks which do perpetuate such beliefs

(3) creating an open and encouraging atmosphere in a mixed class

(4) pressuring girls to learn cooking

Ans. (1)

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