





## SECTION - 1 CHILD DEVELOPMENT AND PEDAGOGY There are 30 questions in all in this section.

- 1. A learning disability that involves difficulty in handwriting is called
- A. Dyslexia
- B. Dyscalculia
- C. Dysgraphia
- D. Attention deficit hyperactive disorder
- 2. Which one of the following is related to summative evaluation?
- A. Provide the teacher with continuous and immediate feedback about student's progress.
- B. Focuses on molecular analysis of instructional material.
- C. On-going of systematic assessment of learner's achievement.
- D. Terminal assessment of the learner's performance at the end of the session.
- 3. Howard Gardner says that there are many specific types of intelligence or frames of mind. Which one is a category of intelligence as suggested by him?
- A. Analytical Intelligence
- B. Creative Intelligence
- C. Naturalist Skills
- D. Practical Intelligence
- 4. In our country many children speak more than one language. Find out from the following, the correct advantage to children who has ability to speak two languages.
- A. Facilitate concept formation
- B. Facilitate analytical reasoning
- C. Facilitate cognitive flexibility
- D. All the above
- 5. A teacher in the classroom is doing some activities like: (a) asking not only what happened but also "how and why", (b) helping them to compare various answers to a question and judge which is really the best answer. From thinking point of view, through these activities he is trying to promote:
- A. Analogy

- B. Critical thinking
- C. Integrative thinking
- D. Concept mapping
- 6. Positive or negative stimuli or events that can motivate a student's behavior. Which psychological perspective explain motivation in this way?
- A. Humanistic
- B. Behavioural
- C. Cognative
- D. Social
- 7. The term inclusion means educating a child with special educational needs \_\_\_\_\_ in the regular classroom.
- A. most of the time
- B. full time
- C. some time
- D. no time
- 8. A language teacher teaching a poem in the classroom by explaining the details of the poem and asking the students to draw conclusion or broad view from explanation. It is an example of
- A. Inductive reasoning
- B. Deductive reasoning
- C. Concept mapping
- D. Hypothesis testing
- 9. Psychoanalysts believe that there is a primary means by which the ego "keeps the lid on the id". It is called
- A. Super Ego
- B. Pleasure principle
- C. Conflict
- D. Repression
- 10. Introversion-Extraversion trait of personality is propounded by
- A. Hans Eysenck
- B. R.B. Cattle
- C. Gordon Allport
- D. Carl Rogers
- 11. Which of the following best exemplifies what motivation is?
- A. Student "A" is emotional about the upcoming school year and wants to do well.
- B. Student "B" is energized, sets a high goal for doing well in his maths class,



persists with considerable effort, and score highest in class.

- C. Student "C" is good at directing his attention to what he wants to accomplish.
- D. Student "D" works hard, experiences positive feelings about her academic work.
- 12. If extrinsic motivation is a means to an end, then intrinsic motivation is
- A. a beginning
- B. an end in itself
- C. a beginning and end
- D. None of the above
- 13. A systematic science which provides rules, laws and principles for achieving adjustment with self and the environment is called
- A. Motivation
- B. Mental hygiene
- C. Learning
- D. Conflict
- 14. One of the adjustment mechanism involves thinking logically and socially, in approved reason of past, present and proposed behavior is called
- A. Compensation
- B. Rationalization
- C. Regression
- D. Repression
- 15. Organization set-up of the school influences learning of students. This factor belongs to which category?
- A. Physiological factors
- B. Psychological factors
- C. Social factors
- D. Other factors
- 16. Which of the following condition promotes adjustment?
- A. Acute anxiety
- B. Obsessive thought of guilt
- C. Fear of illness
- D. Free from neurotic fears and anxiety
- 17. As a teacher you asked your students to write an essay explaining the impact of pollution on our life. Which cognitive level of Bloom's taxonomy is best illustrated by this assignment?
- A. Analysis

- B. Application
- C. Comprehension 4D. Knowledge
- 18. As a teacher you have collected information about intelligence, personality and classroom behavior of a student by using appropriate test and check-list. This process is called as
- A. Assessment
- B. Measurement
- C. Evaluation
- D. All the above
- 19. Which domain is not named in Bloom's taxonomy?
- A. Cognitive
- B. Conative
- C. Affective
- D. Psychomotor
- 20. Which one of the following is not a guiding principle of National Curriculum Framework 2005?
- A. Connecting knowledge to life outside the school.
- B. Making examination more flexible and integrated into classroom life.
- C. Learning should facilitate the rote method.
- D. Enriching the curriculum to provide for overall development of children rather than remain text book centric.
- 21. Initially a baby grasp the object by using his whole palm. Gradually as growth and development continues the baby uses finger and thumb to pickup the object. This type of progression is
- A. Cephalocaudal progression
- B. Proximodistal progression
- C. Mass to specific action progression
- D. Random progression
- 22. Development in child is often divided into three broad domains such as physical, cognitive, emotional and social. So far as developmental process is concerned these domains:
- A. develop independently without influencing other
- B. develop in an integrated and wholistic fashion
- C. develop partially



### D. develop randomly

- 23. A child who is high or low in a characteristic (such as verbal ability) will remain so at later ages. This statement stress the importance of
- A. Early experiences
- B. Environment
- C. Heredity
- D. Both Heredity and environment
- 24. The law of use and disuse in learning is also called as
- A. law of effect
- B. law of exercise
- C. law of reinforcement
- D. None of these
- 25. In Pavlov's experiment the dog salivated not only when meat powder was placed directly in his mouth, but also well before that i.e. when heard the trainer's footsteps coming down the stairs. This phenomenon is called as
- A. Extinction
- B. Unconditional stimulus
- C. Conditioned reflex
- D. Readiness
- 26. Cognition develops through the constant process of interaction between the child and the environment. This principle is reflected in
- A. Thorndike's learning theory
- B. Piaget's cognitive development theory
- C. Tolman's signal learning
- D. Kohler's learning theory
- 27. In Piaget's theory a process which is the balancing act between the "old" and the 'new' between perceptions and experience known as
- A. Assimilation
- B. Accommodation
- C. Equilibration
- D. Knowledge disturbance
- 28. Which of the following is not a precaution for using intelligence test?
- A. Avoid unwarranted stereotypes and negative expectations about students based on IQ scores.

- B. Individual assessment of intelligence is a structured interaction between the examiner and the student.
- C. Don't use IQ tests as the main or sole characteristics of competence.
- D. Be cautious in interpreting the meaningfulness of an overall IQ score.
- 29. As pe Erikson, psychosocial development of children occurs in Eight stages. A student of class III (around 9 years) corresponds to which stage of development?
- A. Autonomy versus shame and doubt
- B. Industry versus inferiority
- C. Initiative versus guilt
- D. Intimacy versus isolation
- 30. Which of the following statement is not true for norm reference test?
- A. It is a standardized test.
- B. Student's score is interpreted by comparing it with how others performed.
- C. Test is said to be based on national norm.
- D. Student's performance is compared with established criteria.

# SECTION- II LANGUAGE - I ENGLISH

There are 30 questions in all in this Section.

- 31. Which question is correct in its structure?
- A. Why did she write the letter?
- B. Why did she wrote the letter?
- C. Why did she written the letter?
- D. Why had she wrote the letter?
- 32. "She speaks English fluently." The correct passive form of the sentence will be.
- A. English is being spoken by her fluently.
- B. English has been spoken by her fluently.
- C. English is spoken by her fluently.
- D. English was spoken by her fluently.



- 33. Which of the following contains the words beginning with the same consonant sound?
- A. Chicago Chorus
- B. Cherish Charisma
- C. China Chrome
- D. Check Chain
- 34. Which of the following contains the same vowel sound?
- A. hook brook luck
- B. cat bat mat
- C. win we see
- D. lead leak break
- 35. Chose the correct phonetic symbol for the underlined sound of the word 'boy'
- A. /bol/
- B. /boe/
- C. /boae/
- D. /bol:/
- 36. What is the proper order of language learning?
- A. Listening, Speaking, Reading, Writing
- B. Listening, Reading, Speaking, Writing
- C. Reading, Writing, Listening, Speaking
- D. Reading, Listening, Speaking, Writing
- 37. \_\_\_\_\_\_ is applied in order to choose a particular course for a particular class.
- A. The Principle of Motivation
- B. The Principle of concreteness
- C. The Principle of proper order
- D. The Principle of selection
- 38. Which is the classical method of teaching English?
- A. Direct method
- B. The Grammar translation method
- C. Bilingual method
- D. Audio lingual method
- 39. Who developed Bilingual method?
- A. Dr. West
- B. Prof. CJ. Dodson
- C. Prof. A.S. Hornby
- D. Prof. Jesperson
- 40. In which approach does the teacher introduce the new words incidently in the class?
- A. Structural Approach

- B. Multilingual Approach
- C. Situational Approach
- D. Multimedia Approach
- 41. What is the purpose of writing at Elementary level?
- A. Development of motor skills
- B. Discrimination of the words
- C. Taking notes
- D. Initiating conversation
- 42. Which technique of reading is used to look for specific piece of information?
- A. Library reading
- B. Skimming
- C. Oral Reading
- D. Scanning
- 43. Which is 'Look and say' method of reading?
- A. The Alphabetic method
- B. The Phonic method
- C. The word method
- D. The sentence method
- 44. \_\_\_\_\_ has the advantage of providing a focal point of attention for the whole class and can be used for a variety of purposes.
- A. Picture charts
- B. Film strips
- C. Blackboard
- D. Slides
- 45. Which is NOT a characteristics of a good text book?
- A. Adequate subject matter
- B. Suitable structure
- C. Suitable vocabulary
- D. Frequently misspelt words
- 46. Which test is conducted in order to find out the students learning regarding the discrimination of sounds?
- A. Reading test
- B. Comprehension test
- C. Listening test
- D. Writing test
- 47. \_\_\_\_\_ tests can be scored quickly and consistently.
- A. Objective
- B. Productive



- C. Subjective
- D. Primary
- 48. Formative form of evaluation is based upon the principle of .
- A. Good category of result
- B. Rote memory
- C. Minimum level of learning
- D. Imitation
- 49. In which category does the use of inappropriate words fall?
- A. Spelling errors
- B. Lexical errors
- C. Structural errors
- D. Grammatical errors
- 50. Language errors should be corrected when the goal is
- A. Obtainment
- B. Acquisition
- C. Accession
- D. Learning

## Passage (Q.No 51-55)

On Kartik Purnima day, my uncle took me to the grand camel fair. Reaching the fair site, we saw lots of camels, horses, buffaloes, etc. We also saw rows of shops, selling sweets, fruits, eatables, toys, crockery, shoes, pots and pans and jewellery, etc. There people of almost all the castes and creeds there. They were in their attractive clothes and looked cheerful. Children and adults enjoyed swinging merry-go-rounds, in the watching films, circus and puppet shows. The fair presented a wonderful scene. I bought some toys and sweets for my brother and sister. We all returned home happily.

- 51. Find out the word from the above text which means 'huge and splendid'.
- A. Creeds
- B. Rows
- C. Grand
- D. Swinging
- 52. The opposite of 'attractive' is
- A. Tidy
- B. Repulsive
- C. Alluring

- D. Seductive
- 53. Which of the word is correctly spelt?A. Devoties
- B. Devaties
- C. Devatees
- D. Devotees
- 54. The verb- 'enjoyed' can give us the noun
- A. Enjoy
- B. Enjoyment
- C. Enjoying
- D. Enjoyable
- 55. Find out the word from the text which means 'An event for public entertainment and trade'.
- A. Shop B. Toys
- C. Fair
- D. Merry-go-rounds

# Passage (Q. No. 56-60)

The state police went to Rastapal village on 19 June, 1947 to close the school which was running in the house of Nanabhai Khant. Nanabhai refused to close the school. The police then beat up Nanabhai severely. He fell unconscious. They took him away with them to imprison. However, Nanabhai died of his injuries on the way before the police could reach their camp. After this the police beat up the teacher Sengabhai Bheel who had continued to teach the children despite Nanabhai's death. After beating Sengabhai the police tied him to their truck. They took him away dragging on the road. A student of the school named Kalibai could not see this. She ran towards the truck with a sickle to cut the ropes and free sengabhai. The police warned her not to run after the vehicle but she did not listen to them. She reached her teacher and cut the rope with one stroke of the sickle.

- 56. The words 'Sickle' and 'Vehicles' are
- A. Adjectives
- B. Adverbs
- C. Nouns
- D. Pronouns



- 57. 'The police then beat up Nanabhai severely., The verb-'beat up' is in-
- A. Simple Present
- B. Simple Past
- C. Past Perfect
- D. Present Perfect
- 58. 'She reached her teacher and cut the rope with one stroke of the sickle.' The verb-'cut' is in-
- A. Simple Present
- B. Simple Past
- C. Simple future
- D. Past Perfect
- 59. Which of the following has the three degrees of the adjectives in their correct form?
- A. Angry angrier angriest
- B. Angry more angry most angry
- C. Angry more angrily most angrily
- D. Angry Angerier Angeriest
- 60. Which of the following options has a determiner in it?
- A. The police
- B. then beat up
- C. took him away
- D. He fell unconscious

SECTION - III

LANGUAGE - II

**ENGLESH** 

There are 30 questions in all in this Section.

- 61. The battery has \_\_\_\_\_.
- A. came down
- B. gone down
- C. run down
- D. ran down
- 62. Curtal connct is
- A. fourteen line poem
- B. ten and a half line poem
- C. thirteen line poem
- D. eighteen and a half line poem
- 63. A lament for the dead is a feature of
- A. Ode
- B. Elegy
- C. Sonnet

- D. Drama
- 64. A fictional prose tale of no specified length, but too short to be published as a volume is
- A. drama
- B. novel
- C. novellas
- D. short story
- 65. 'Conflict' is a feature of
- A. poem
- B. story
- C. drama
- D. novel
- 66. Identify the word in which the <u>end</u> <u>sound is different</u> from the other words.
- A. sleep
- B. reap
- C. teach
- D. deep
- 67. Pick out the correct transcription of the word 'garage'
- A. /guraj
- B. gariz
- C. giraz
- D. /Gaera:z
- 68. Pick out the correct transcription of the word 'garage'
- A. Use of word structure
- B. Use of semantic structures of English language in daily life
- C. Use of building structures in daily life
- D. Use of graded structures of English language in daily life situation
- 69. In Communicative teaching teacher promotes communication by
- A. Creating situation
- B. Teacher's talk
- C. Bonding of alphabet
- D. Creating nervousness
- 70. Linguistic Competence refers to
- A. Communication knowledge of grammar
- B. Communication knowledge of vocabulary
- C. Capability of knowledge
- D. Communication knowledge of grammar and vocabulary



- 71. The challenge of Acquisition Poor Environment refers to
- A. Learners learning of literature
- B. Poor study habit
- C. Pollution in English language
- D. Limitation of learning English language in classroom
- 72. One of the main barriers to listening skill is
- A. Time & Dime
- B. Barricades of class
- C. Learner's prejudice
- D. Unscathed Ear
- 73. Remedial language teaching is meant for development of
- A. Particular skills left by regular teaching
- B. Areas left by regular teaching
- C. Limitation of class size
- D. Both (A) & (B)
- 74. Remedial work for spoken English involves
- A. Drill and studying
- B. Revision, drill, situational communicative practice and reviewing
- C. Going through situational practice
- D. Revision and practice
- 75. Communicative approach to evaluation emphasizes
- A. Importance of meaning of utterances rather than form and structure
- B. Importance of form and structure
- C. Importance of evaluation
- D. Importance of learner
- 76. The integral approach of language testing involves testing of
- A. primary language
- B. Secondary language
- C. Third language
- D. Language in context
- 77. Elective Approach to evaluation takes account of
- A. Approach to class
- B. Communicative approach
- C. Structural approach

- D. Combination of communicative approach, integrative approach and structural approach
- 78. Remedial teaching should be carried out on
- A. Identification of senior learners
- B. Identification of early learners
- C. Identification of late learners
- D. Identification of malady on language test and its causes.
- 79. During preparation of test paper teacher takes care of item development according to
- A. Nominated evaluator
- B. Instruction objectivesC. Number to copies to be distributed
- D. Seating arrangement
- 80. In Remedial teaching concentration on trouble spot is best done by
- A. Arranging intensive practice
- B. Arranging medicine
- C. Arranging trouble
- D. Arranging bubble spot

#### Passage:

Patriotism or love for one's country is one of the noblest sentiments of man. It is love that comes from one's gratefulness to the land where one is born, the country that provides everything that makes life worth living-food, clothing and shelter, families, friends and the way of life of its people. Or, in other words, it is our country that gives us all what we enjoy and all that makes man's life different from and richer than that of all other animals. That is why patriotic feelings are natural to man.

- 81. Which one of the following is the most appropriate title for the passage?
- A. Patriotism
- B. Love for country
- C. Noblest sentiment
- D. Patriotic feelings
- 82. In the above paragraph 'in other words' indicates
- A. emphasis
- B. reformulation



- C. Sequence
- D. Addition
- 83. The captain as well as his soldiers \_\_\_\_\_ ready to march.
- A. is B. are
- C. were D. has
- 84. In the above passage the author wants to convey
- A. Patriotism is second to any other sentiment.
- B. Patriotism is not natural.
- C. One must be patriotic to an extent.
- D. One should be grateful to the land where one is born.
- 85. People who buy stocks are no different from people who set on horse racing. They both risk their money with little chance of making a big profit.

Above lines contains

- A. the fallacy of hasty generalization.
- B. the fallacy of false analogy.
- C. the fallacy of composition.
- D. the fallacy of equivocation.
- 86. What two words are typically used in the construction of a simile?
- A. for, against
- B. with, as
- C. like, as
- D. while, during
- 87. Which of the following lines contains an example of assonance?
- A. The sleet streaked her sneakers.
- B. The angry dog barked loudly.
- C. The clown caught the kid before he fell.
- D. This is how the world goes.
- 88. What device is present in the line 'The Wind whistled a high and lonesome tune'?
- A. Ironv
- B. Personification
- C. Metaphor
- D. Alliteration
- 89. The sentence 'The lazy lizard lounged near the lake' is an example of ?
- A. Metaphor
- B. Alliteration
- C. hyperbole

- D. Paradox
- 90. He said he \_\_\_\_\_ reconsider his decision.
- A. may
- B. might
- C. can
- D. could

# SECTION - IV MATHEMATICS

There are 30 questions in all in this section.

- 91. If cost price of 12 pens is equal to selling price of 16 pens, then profit/loss in percentage is equal to
- A. 25% profit
- B. 25% loss
- C. 40% profit
- D. 40% loss
- 92. Mr. X has a certain amount. He deposited in bank some amount at simple interest rate of 10% and rest amount at 12% rate of simple interest. One fourth of first amount is equal to the one fifth of rest amount. If total interest is 2,500 after two years, then total amount invested is equal to
- A. 12,000
- B. 11,000
- C. 11,250
- D. 11,500
- 93. 3 litre mixture of water and sugar has 40% sugar. If 1 litre water is added in this mixture, then sugar percentage in new mixture is equal to
- A. 25%
- B. 30%
- C. 35%
- D. 40%
- 94. In given parallelogram ABCD, values of x and y are equal to
- A.  $x = 25^{\circ}$ ;  $y = 12.5^{\circ}$
- B.  $x = 12.5^{\circ}$ ;  $y = 25^{\circ}$
- C.  $x = 15^{\circ}$ ;  $y = 30^{\circ}$
- D.  $x = 30^{\circ}$ ;  $y = 15^{\circ}$



- 95. Kabir buys pencils at the rate of 11 in 10. He sells it at the rate of 10 in 11. His profit in percentage is equal to
- A. 10%
- B. 11%
- C. 20%
- D. 21%
- 96. If  $x + \frac{5}{6} + \frac{5}{7} + \frac{4}{9} = 2\frac{125}{126}$ , then x is equal
- to
- A. 1
- B.  $\frac{247}{126}$
- C.  $\frac{349}{126}$
- D. 2
- 97. In given circle, value of  $\theta$  is equal to
- A. 35° B. 45°
- C. 55° D. 65°
- 98. Out of following which statement does not show nature of Mathematics?
- A. Mathematics has its own language from which formula, concept principle are derived.
- B. In Mathematics there is scope to explain the abstract concept.
- C. In Mathematics area of Generalization is narrow.
- D. Numbers, places, measurement are base of Mathematics.
- 99. "The progress and the improvement of Mathematics are linked to the prosperity of the state." This statement reflects which value of Mathematics?
- A. Social-value of Mathematics
- B. Moral value of Mathematics
- C. Artistic value of Mathematics
- D. Disciplinary value of Mathematics
- 100. A device for finding out what pupils understand and can do with a purpose of adapting future teaching to the needs of the individual or the class is known as
- A. Summative Assessment
- B. Informative Assessment
- C. Diagnostic Assessment
- D. Testing

- 101. Out of following which is not the characteristic of informal assessment?
- A. Looking in pupil's answer books as they are working.
- B. Listening to pupil's talking to other pupils as they explain the work or engage in discussion.
- C. Monitoring responses to teacher questioning.
- D. A warding marks/grades after evaluating answer book.
- 102. All teacher are encouraged to use precise mathematical vocabulary, and to promote the use of mathematical vocabulary among pupils this vocabulary is known as
- A. Language in Mathematics Education
- B. Values in Mathematics Education
- C. Correlation in Mathematics Education
- D. Tools in Mathematics Education
- 103. Out of following, which statement is not correct with regard to characteristics of Mathematics?
- A. Mathematics is called the Science of logical reasoning.
- B. Mathematics is a way to settle in the mind a habit of reasoning.
- C. Mathematics is not a abstract science.
- D. Mathematics has been defined as the Science of number and space.
- 104. To know the nature and characteristics of error took place by students while solving the problems of Mathematics is known as
- A. Content analysis in Mathematics
- B. Error analysis in Mathematics
- C. Content synthesis in Mathematics
- D. Error synthesis in Mathematics
- 105. Situation presented by teacher in the classroom to find the attention of students towards new topic is known as
- A. Previous knowledge
- B. Introduction
- C. Statement of aim
- D. Ideal question
- 106. Out of following which statements does not shows best principles of curriculum construction in Mathematics?



- A. Curriculum of Mathematics should be child centered.
- B. Curriculum of Mathematics should be activity based.
- C. Curriculum of Mathematics should be logically & psychologically arranged.
- D. Curriculum of Mathematics need not require teacher acceptance.
- 107. Out of following which is not best way of knowing the weaknesses of the students in Mathematics?
- A. Asking questions inside or outside classroom.
- B. Oral work.
- C. Analysis of answer scripts of students.
- D. By comparing students
- 108. Two whole numbers are given. If three times of larger number is divided by smaller number, then 4 as remainder are obtained. If seven times of smaller number is divided by larger number, then 5 as quotient and 1 as remainder are obtained. Smaller number is equal to
- A. 25
- B. 18
- C. 36
- D. 50
- 109. Sum of place value of 7, 6 and 9 in the number 17065809 is equal to
- A. 706009
- B. 7006009
- C. 7060009
- D. 70060009
- 110. If the following fractions are arranged from smaller to larger fraction, then which fraction will come in the middle?

$$\frac{1}{3}$$
, 31%,  $\frac{3}{10}$ , 0.313,  $\frac{0.909}{3}$ 

- A.  $\frac{0.909}{3}$
- B. 0.313
- C. 31%
- D.  $\frac{3}{10}$

Then values of x and y are equal to

- A. x = 9; y = 3
- B. x = 3; y = 9
- C. x = 5; y = 8
- D. x = 4; y = 8
- 112. Mr. X has 55,600. He invested it in a scheme and got 8 times of his amount. Then he donated 57,986 to a trust. Again he invested rest amount and got only one third of it. Now Mr. X has amount equal to
- A. 1,28,938
- B. 1,29,838
- C. 1,28,948
- D. 1,29,848
- 113. If a regular polygon has 9 sides, then each exterior angle is equal to
- A. 36°
- B. 40°
- C. 140°
- D. 160°
- 114. Perimeter of a square is 144 cm. If area of a rectangle is equal to the area of this square and length of rectangle is 81 cm, then difference between length and breadth of rectangle is equal to
- A. 16 cm
- B. 64 cm
- C. 65 cm
- D. 36 cm
- 115. If H.C.F. (408, 1032) = 1032x 408y and x + y = 7, then (x y) is equal to
- A. 3
- B. -3
- C. 2
- D. -2
- 116. An examination is being conducted of three subjects Science, English and Mathematics having students 60, 105 and 135 respectively. Sitting capacity of each room is same. Also each room has students fo only one subject. Then minimum number of required rooms is equal is
- A. 15
- B. 20
- C. 25
- D. 30



- 117. In given triangle ABC, AP is bisector of <BAC and AQ is perpendicular to BC, then <PAQ is equal to
- A. 20°
- B. 40°
- C. 15°
- D. 25°
- 118. In given triangle ABC, OB and OC are bisectors of <B and <C respectively, then <BOC is equal to
- A. 70°
- B. 110°
- C. 140°
- D. 80°
- 119. Sides BA and DC of quadrilateral ABCD are extended as per diagram, then which one of the following is true?
- A. x + y = a + b
- B. x + y = a b
- $C. x y = \frac{a+b}{2}$
- D.  $\frac{x + y}{2} = a b$
- 120. A student's mark was wrongly entered as 108 instead of 98. Due to this mistake, average marks of class got increased by  $\frac{1}{5}$ . Total number of students

in the class is equal to

- A. 10
- B. 30
- C. 50
- D. 70

## **SECTION-V**

# **ENVIRONMENTAL STUDIES**There are 30 questions in all in this

section.

- 121. Which is the state bird of Rajasthan?
- A. Great Indian Bustard
- B. Peacock
- C. Vulture
- D. Crane
- 122. Which is correctly matched?
- A. Bombay Natural History Society New Delhi
- B. Botanical Survey of India Kolkata

- C. Wildlife Institute of India Coimbatore

  D. National Botanical Research Institute -
- D. National Botanical Research Institute Jodhpur
- 123. Which of the following is not a source of renewable energy?
- A. Fossil Fuel
- B. Hydro Electricity
- C. Wind Energy
- D. Solar Energy
- 124. Who coined the term 'ecosystem'?
- A. Haeckel
- B. Humboldt
- C. Tansley
- D. Odum
- 125. Which place of India has highest rainfall?
- A. Bengaluru
- B. Mysore
- C. Srinagar
- D. Mawsynram
- 126. Biotic component of environment includes
- A. Land
- B. Air
- C. Plants
- D. Water
- 127. Minamata disease is related to which of the following?
- A. Cd pollution
- B. SO<sub>2</sub> pollution
- C. Hg pollution
- D. None of these
- 128. Which one of the following is non-projected teaching aid?
- A. Film strip
- B. Chart
- C. Epidiascope
- D. Slide
- 129. Which one of the following activity is not related with environment conservation?
- A. Deforestation
- B. Conservation of natural resources
- C. Massive plantation
- D. Cleaning of waterbodies



- 130. In environmental education which teaching method is related to group discussion?
- A. Role play
- B. Lecture
- C. Narration
- D. Symposium
- 131. The main aim of Continuous and Comprehensive Evaluation (CCE) is
- A. to evaluate every aspect of the child during their presence at the school.
- B. to evaluate the interest of the child during their presence at the school.
- C. to evaluate knowledge and comprehension of the child during their presence at the school.
- D. to evaluate the skills of the child during their presence at the school.
- 132. Full form of IEEP is
- A. International Environmental Education Project
- B. International Environmental Education Programme
- C. Indian Environmental Education Project D. Indian Environmental Education Programme
- 133. In order to access the students' academic achievements of teaching environmental studies which of the following evaluative indicator should not used?
- A. Observation
- B. Discussion
- C. Experimentation
- D. Remedial teaching
- 134. Which one of the following is not a characteristic of good teaching?
- A. Good teaching is based on activity.
- B. Good teaching is democratic.
- C. Good teaching is not value based.
- D. Good teaching is planned with definite aim.
- 135. Which one of the following choice is not included in the content of environmental study?
- A. Forest conservation
- B. Political conservation
- C. Water conservation

- D. Soil conservation
- 136. Which one of the following law is not related to the trial and error theory of learning?
- A. Law of reinforcement
- B. Law of readiness
- C. Law of exercise
- D. Law of effect
- 137. To prevent child labour in India in which year the Child Labour (Prohibition and Regulation) Act was passed?
- A. 1938
- B. 1988
- C. 1986
- D. 2017
- 138. What is the minimum legal age of marriage for girls and boys in India?
- A. 16 years and 18 years
- B. 18 years and 21 years
- C. 18 years and 18 years
- D. 21 years and 21 years
- 139. What is the name of 'textile city' of Rajasthan?
- A. Udaipur
- B. Ajmer
- C. Sikar
- D. Bhilwara
- 140. What is the name of medicine commonly used to control the addiction of narcotic drugs?
- A. Folic acid
- B. Cocaine
- C. Ascorbic acid
- D. Pethidine
- 141. Which of the following is declared as 100% Open Defecation Free (ODF) State?
- A. Andhra Pradesh
- B. Assam
- C. Kerala
- D. Tamil Nadu
- 142. The total number of Member of Parliament in Rajya Sabha from Rajasthan is
- A. 10
- B. 25
- C. 35



- D. 20
- 143. Who discovered nylon?
- A. Melvin Calvin
- B. Wallace Carothers
- C. Robin Hill
- D. Peter Mitchell
- 144. Which of the following is not related
- to Rajasthan?
- A. Beneshwar Fair
- B. Pushkar Fair
- C. Khejarli Fair
- D. Magh Fair
- 145. When did the first passenger train started in India?
- A. 1920
- B. 1856
- C. 1853
- D. 1959
- 146. What is 'Pisciculture'?
- A. Bee culture
- B. Fish culture
- C. Poultry culture
- D. None of the above

- 147. Jhamarkotra mine is famous for
- A. Copper
- B. Rock phosphate
- C. Zinc
- D. Uranium
- 148. Which of the following is a contagious disease?
- A. Diabetes
- B. Heart attack
- C. Hypertension
- D. Diphtheria
- 149. Which of the following test is directly related with HIV?
- A. Widal
- B. MP
- C. ESR
- D. ELISA
- 150. In which year pulse polio immunization programme was launched in India?
- A. 1985
- B. 2005
- C. 1995
- D. 1990