Total no. of Printed Pages : 32

Instructions to the candidates:

1. Write your Hall Ticket number in the box provided at the left side of the booklet immediately after receiving the Test Booklet.
2. Check whether the Test Booklet contains as many pages as are printed on the top of this page.
3. Check whether all pages are printed properly. Do not remove any pages from the Test Booklet.
4. Indicate your answers on the given OMR answer sheet only. Read the instructions given on both sides of the OMR answer sheet and follow them accordingly. Do not write the answers in the Test Booklet.
5. This Test Booklet consists of 150 multiple choice questions. Answer all questions. Each question carries one (1) mark only.
6. Do not do any rough work in the Test Booklet. Use only the white paper provided at the end of the question booklet for rough work.
7. After completion of the examination, hand over the OMR answer sheet to the Hall Superintendent without fail.
8. Candidate will not be permitted to leave the examination hall till the completion of the stipulated examination time.

Note: Highlighted Option in the box is the Correct Answer
### PART-I  
**CHILD DEVELOPMENT AND PEDAGOGY**

1. A child who uses both its hands to hold a toy, gradually holds the toy with its fingers. This can be best explained by this developmental principle.
   - (1) Interaction
   - (2) Development is predictable
   - (3) Individual differences
   - (4) Development proceeds from general to specific

2. Comparatively, emotions shift easily in ..............
   - (1) childhood
   - (2) infancy
   - (3) adolescence
   - (4) puberty

3. The modification of existing knowledge structures as a result of exposure to new information or experiences is ..........  
   - (1) accommodation
   - (2) assimilation
   - (3) schema
   - (4) equilibration

4. A child of class I obeys the orders of the elders to avoid punishment. The child is in this stage of the Kohlberg’s moral development.
   - (1) Stage I of premoral level
   - (2) Stage II of premoral level
   - (3) Stage III of conventional morality
   - (4) Stage IV of conventional morality

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**Note: Highlighted Option is the Correct Answer**
5. One of the following perspectives proposes that all children have an innate language acquisition device which is responsible for language acquisition called the ............
(1) nativist perspective
(2) humanistic perspective
(3) behavioristic perspective
(4) socio-cultural perspective

6. One of the following speaks about the social expectations for every stage of development.
(1) developmental tasks
(2) developmental hazards
(3) conflicts
(4) cognitive abilities

7. Pick the correct statement from the following.
(1) Physical health is important than mental health.
(2) Mental health is important than physical health.
(3) Physical and mental health are interrelated and both are important.
(4) Mental health is important for intellectuals and physical health is important for labourers.

8. The performance of a student is less than his aptitude in Mathematics. He requires ............
(1) extra coaching
(2) training in memory techniques
(3) best teaching
(4) guidance
9. ‘Prediction’ is the characteristic of the following psychological concept.
   (1) Interest
   (2) Attitude
   (3) Creativity
   (4) Aptitude

10. A classroom teacher would like to know the opinion of class X students on certain issues. The appropriate method to know the opinion is ...........
    (1) case study
    (2) observation
    (3) interview
    (4) attitude

11. Relation between intelligence and creativity is ..........  
    (1) positive
    (2) negative
    (3) no specific relation
    (4) positive in students having an above average I.Q.

12. Learning outcome depends upon the following.
    (1) learner, learning material, learning process and teacher
    (2) learning material, learning process and teacher
    (3) learner, learning material and teacher
    (4) learning process and teacher

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13. One of the following methods is more suitable to teach the heterogenous group of students for self-paced learning.
(1) lecture method
(2) historical method
(3) programmed instruction method
(4) loud reading method

14. A child is not able to learn a task properly because of nonattainment of age. The learning factor involved is .......... 
(1) cognitive 
(2) personal 
(3) environmental 
(4) social

15. "Law of exercise" is the contribution of this school.
(1) Behaviorism
(2) Constructivism
(3) Gestalt school
(4) Psychoanalysts

16. Three students of class IX stand in 1st, 2nd and 3rd positions interchangeably in all their achievement tests. All the time they feel jealous of one another.
In this case, the teacher needs to concentrate on this domain for their healthy development.
(1) conative
(2) affective
(3) psychomotor
(4) cognitive
17. Involvement of the learner ..........
   (1) is active in R–S conditioning than in S–R conditioning
   (2) is active in S–R conditioning than in R–S conditioning
   (3) is active in both S–R and R–S conditionings
   (4) is passive in both S–R and R–S conditionings

   [Highlight: (4) cooperative learning]

18. Essential component of learning is
   (1) experience
   (2) teaching
   (3) objectives
   (4) guidance

   [Highlight: (1) experience]

19. According to Vygotsky, children’s self-directed speech is called ..........  
   (1) private speech
   (2) egocentric speech
   (3) culture-oriented speech
   (4) social speech

   [Highlight: (4) social speech]

20. A teacher and two to four students form a collaborative group and take
    turns in leading dialogues on the content of a text. It is called ...........
    (1) reciprocal teaching
    (2) remedial teaching
    (3) extended teaching
    (4) cooperative learning

   [Highlight: (4) cooperative learning]

21. A student of class V has learnt many things when the class teacher
    appreciated the behavior of his classmates. The learning theory
    involved is ...............
    (1) insight learning
    (2) social learning
    (3) instrumental conditioning
    (4) classical conditioning

   [Highlight: (2) social learning]
22. Change in the neurological system of a person due to the process of memory is known as ...........
   (1) engram
   (2) genetic memory
   (3) biogenetical memory
   (4) linguistic memory
   (1) engram
   (2) genetic memory
   (3) biogenetical memory
   (4) linguistic memory

23. A class VIII rural student learns the periodic table in a similar fashion to learning 'VIBGYOR', the colours of the rainbow. The technique involved in this learning is ...........
   (1) mnemonics
   (2) paired association
   (3) ideas association
   (4) word association
   (1) mnemonics
   (2) paired association
   (3) ideas association
   (4) word association

24. To carry out the provisions of the RTE Act, 2009, 'funding' is the responsibility of ...........
   (1) the central government
   (2) the state government
   (3) SSA and RMSA
   (4) both central and state governments
   (4) both central and state governments

25. As per the NCF-2005, assessment at Class I and II is ...........
   (1) no test in any form
   (2) oral test
   (3) a simple written or oral test
   (4) based on the syllabus
   (3) a simple written or oral test

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P.T.O.
26. One of the following indicates the learner's higher cognitive ability.
(1) Retention  
(2) Reasoning  
(3) Imitation  
(4) Observation

27. One of the following is the reason for learning disability.
(1) Possessing I.Q. less than 70  
(2) Inappropriate teaching  
(3) Committing errors in solving the problems  
(4) Defect in the perceptual process

28. Innovative way of problem solving is mostly observed in this learning.
(1) S-R conditioning  
(2) R-S conditioning  
(3) Insight learning  
(4) Social learning

29. One of the following actions of a teacher indicates that he is a good leader.
(1) doing things right  
(2) doing the right things  
(3) setting the things right  
(4) asking to do right things

30. A child comforts another child who is crying by offering her toy. The behavior of the child who tried to comfort the other child represents ...
(1) social development  
(2) social and emotional development  
(3) emotional development  
(4) cognitive development
PART-II
LANGUAGE I - TELUGU

31.  ಪಿಕೆಗಳ ಉಪಯೋಗವಾದ ಜೀವಿಗಳ ಹೆಸರು
(1) ಕಂದು
(2) ಮುಗು
(3) ಸುದೀರ್ಘ
(4) ರಾಮ

32.  ಪಿಕೆಗಳ ಉಪಯೋಗವಾದ ಜೀವಿಗಳ ಹೆಸರು
(1) ಇತ್ತರು
(2) ಚಿಕು
(3) ಸುದೀರ್ಘ
(4) ನಾಡು

33.  ಪಿಕೆಗಳ ಉಪಯೋಗವಾದ ಜೀವಿಗಳ ಹೆಸರು
(1) ಕಂದು
(2) ಮುಗು
(3) ಸುದೀರ್ಘ
(4) ರಾಮ

34.  ಪಿಕೆಗಳ ಉಪಯೋಗವಾದ ಜೀವಿಗಳ ಹೆಸರು
(1) ಇತ್ತರು
(2) ಚಿಕು
(3) ಸುದೀರ್ಘ
(4) ನಾಡು

35.  ಪಿಕೆಗಳ ಉಪಯೋಗವಾದ ಜೀವಿಗಳ ಹೆಸರು
(1) ಇತ್ತರು
(2) ಚಿಕು
(3) ಸುದೀರ್ಘ
(4) ನಾಡು
36. పనిస్థలికి జరిగిన పనిని అంచిన అనుమతిని జాగ్రత్తు చేసిన అంశం
(1) సామాన్య సామాన్యమైన ఎక్కడికి అనుమతి
(2) వీటిని వివరించే అనుమతి కలిగిన ఎందుకుంటుందు
(3) కళాకారులకు వాస్తు హోమ్ ఎంచడం
(4) సామాన్యంగా ఉపయోగిస్తుంది

37. మామనియో మెట్లని వాయాప్తి ప్రాంతాలకు వాయాప్తి
(1) వాయాప్తి విషయం చేసిన చిత్రాలు
(2) వాయాప్తి విషయం చేసిన రిండీలు
(3) వాయాప్తి విషయం చేసిన చిత్రాలు
(4) వాయాప్తి విషయం చేసిన రిండీలు

38. ముఖ్యంగా పరిస్థితి విషయం వాయాప్తి ప్రాంతాలకు వాయాప్తి
(1) విషయాత్మకం
(2) సంస్కృతం
(3) వాయాప్తి
(4) సామాన్యమైన

39. వివిధ పరిస్థితులు
(1) కళాకారుల
(2) పాఠశాలలు
(3) వాయాప్తి
(4) సామాన్యం

40. మన పరిస్థితి అనుభవం మరియు అనుభవం
(1) వివిధ కళాకారుల
(2) వివిధ పాఠశాలలు
(3) వివిధ పరిస్థితులు
(4) వివిధ ఉపయోగాలు
41. నంది వనకు, వనకు సాధ్యం లేదు తరువాత నాటి సాధ్యం
   (1) వనకు, వనకు
   (2) వనకు, వనకు
   (3) వనకు, వనకు
   (4) వనకు, వనకు

42. అంశాల సమాధానం కేసి నిష్పత్తి కాంతి
   (1) నిష్పత్తి కాంతి
   (2) సమాధానం కేసి
   (3) నిష్పత్తి కాంతి
   (4) సమాధానం కేసి

43. త్రిమంది పాఠమనం తోడు సాధ్యం లేదా సాధ్యం
   (1) సాధ్యం లేదా
   (2) సాధ్యం లేదా
   (3) సాధ్యం లేదా
   (4) సాధ్యం లేదా

44. చిత్రాన్ని నిర్మాణం చేయడానికి ఆధారం లేదా
   ఆధారం లేదా ఆధారం లేదా
   (1) ఆధారం లేదా
   (2) ఆధారం లేదా
   (3) ఆధారం లేదా
   (4) ఆధారం లేదా

45. చిత్రాన్ని నిర్మాణం చేయడానికి ఆధారం లేదా
   (1) ఆధారం లేదా
   (2) ఆధారం లేదా
   (3) ఆధారం లేదా
   (4) ఆధారం లేదా

46. చిత్రాన్ని నిర్మాణం చేయడానికి ఆధారం లేదా
   (1) ఆధారం లేదా
   (2) ఆధారం లేదా
   (3) ఆధారం లేదా
   (4) ఆధారం లేదా

47. మాధ్యమం వంటి సాధ్యం లేదా సాధ్యం
   (1) సాధ్యం లేదా
   (2) సాధ్యం లేదా
   (3) సాధ్యం లేదా
   (4) సాధ్యం లేదా
48. ‘ఫొక్‌డు’ అను నాటిక వాదనా రంగం లోని కథ పతాకు పిలుచే విశ్లేషణ  
(1) ఫొక్‌డు  
(2) ఫిడ్డు  
(3) కాండ  
(4) రెండు

49. వందరాయ తాత్కాలికం  
(1) రాతి కండ  
(2) వందరాయ తాత్కాలికం  
(3) నికిల  
(4) కాండ

50. ద్రామ పదార్థాల రంగం రంగం  
(1) కాండ  
(2) అనేట  
(3) విశ్వాస  
(4) కంటెన్

51. హింది ఫార్మెంట్ విశ్లేషణ కథ రంగం ఉపయోగిస్తుంది.  
(1) ఒహిందు  
(2) హిందీ ఫార్మెంట్  
(3) కాండ  
(4) కంటెన్

52. ముద్రా అను ద్రామ పదార్థాలు నానామాన ఉపయోగిస్తుంది.  
(1) చెట్టు, ప్రాంగణం, చిత్రాల  
(2) చెట్టు, ప్రాంగణం, సంస్కృతి  
(3) చెట్టు, ప్రాంగణం, రాతి  
(4) చెట్టు, ప్రాంగణం, అరెన్

53. ప్లాంట్స్ అను ద్రామ పదార్థాలు నానామాన ఉపయోగిస్తుంది.  
(1) చెట్టు, ప్రాంగణం, చిత్రాల  
(2) చెట్టు, ప్రాంగణం, సంస్కృతి  
(3) చెట్టు, ప్రాంగణం, రాతి  
(4) చెట్టు, ప్రాంగణం, అరెన్

54. సంప్రదాయకం రంగం రంగం  
(1) పాతరా ప్లాంట్స్  
(2) సంప్రదాయకం  
(3) మాఠిల్ల  
(4) పాతరా ప్లాంట్స్

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55. గ్రామం యొక్క గారుడకు ప్రారంభం లేదా 
రాళ్ళు లోకాల ప్రారంభం లేదా 

tా బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(1) బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(2) బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(3) మేన్టుకుననే సాధనాలు సాధనాలతో 
(4) సాధనాలు సాధనాల ద్వారా 

56. గ్రామం యొక్క గారుడ ప్రారంభం లేదా 
రాళ్ళు లోకాల ప్రారంభం లేదా 

tా బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(1) బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(2) బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(3) బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(4) సాధనాలు సాధనాల ద్వారా 

57. గ్రామం యొక్క గారుడ ప్రారంభం లేదా 
రాళ్ళు లోకాల ప్రారంభం లేదా 

tా బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(1) బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(2) బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(3) బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(4) సాధనాలు సాధనాల ద్వారా 

58. 6 మ ఒత్తిడు లోడు సాధనాల ద్వారా 
రాళ్ళు లోకాల ప్రారంభం లేదా 

tా బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(1) సాధనాలు సాధనాల ద్వారా 
(2) సాధనాలు సాధనాల ద్వారా 
(3) సాధనాలు సాధనాల ద్వారా 
(4) సాధనాలు సాధనాల ద్వారా 

59. ముఖ్యాంశం మీద నియంత్రణలు లోకాల ప్రారంభం లేదా 
రాళ్ళు లోకాల ప్రారంభం లేదా 

tా బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(1) సాధనాలు సాధనాల ద్వారా 
(2) సాధనాలు సాధనాల ద్వారా 
(3) సాధనాలు సాధనాల ద్వారా 
(4) సాధనాలు సాధనాల ద్వారా 

60. ముఖ్యాంశం మీద నియంత్రణలు లోకాల ప్రారంభం లేదా 
రాళ్ళు లోకాల ప్రారంభం లేదా 

tా బాలుడు ఫెడరాలు సాధనాల ద్వారా 
(1) సాధనాలు సాధనాల ద్వారా 
(2) సాధనాలు సాధనాల ద్వారా 
(3) సాధనాలు సాధనాల ద్వారా 
(4) సాధనాలు సాధనాల ద్వారా
PART-III
LANGUAGE II - ENGLISH

61. Choose the correct word to fill in the blank in the sentence.
Copper is ....... useful metal.
(1) a 
(2) an
(3) the
(4) any

62. I forget his name.
In the above sentence the underlined word is a .........
(1) noun
(2) verb
(3) conjunction
(4) pronoun

63. Identify the correct sentence.
(1) How far your house it is from here.
(2) You are doing that why?
(3) How far is it from here to your house?
(4) Where you are going now.

64. Choose the correct word to fill in the blank in the sentence.
Rama can speak .........
(1) fast
(2) wonderful
(3) fastly
(4) severely

65. If you combine the following two sentences,
a) He is strong.
b) He can work hard.
You will get:
(1) He can work hard because he is strong.
(2) He is strong when he can work hard.
(3) Though he is strong, he can work hard.
(4) Although he can work hard, he is strong.

66. To make the past perfect tense, we use this helping verb.
(1) have
(2) had
(3) has
(4) having

67. The opposite of 'equality' is .........
(1) inequality
(2) disequality
(3) nonequality
(4) inequality

68. Identify the correctly spelt word.
(1) accommodation
(2) accommodation
(3) accommodation
(4) accommodation

69. Choose the correct word to fill in the blank in the sentence.
We went ........... the market last Sunday.
(1) up
(2) onto
(3) to
(4) off

70. Choose the correct phrase to fill in the blank in the sentence.
They ........... living here since 1999.
(1) have been
(2) has been
(3) are being
(4) have being

71. Identify the 'positive degree' of the sentence.
Raju is taller than Amar.
(1) Amar is not tall as Raju.
(2) Amar is not so tall as Raju.
(3) Amar can be tall like Raju.
(4) Amar is as tall as Raju.
72. Identify the correct 'question tag' for the statement.
Your brother is a teacher, ...........
(1) is he
(2) isn't it?
(3) isn't he.
(4) isn't he?

73. What is the meaning of the word underlined in the sentence?
The water glittered in the sunlight.
(1) shone
(2) shine
(3) shown
(4) shining

74. If you combine the following two sentences,
a) She likes English.
b) She likes Mathematics.
You will get:
(1) She not only likes English, but also Mathematics.
(2) She likes not only English, but also Mathematics.
(3) Not only English but also she likes Mathematics.
(4) She likes English and not only Mathematics.

75. The 'reported' form of the sentence,
The teacher said to the pupils, "Listen.", is ..............
(1) The teacher said the pupils to listen.
(2) The teacher told the pupils listen.
(3) The teacher asked the pupils to listen.
(4) The teacher suggested the pupils to listen.

76. Identify the question to get the answer.
Yes. We go there every year.
(1) Did you been to Ooty?
(2) Have been to Ooty ever?
(3) Did you go to Ooty never?
(4) Have you ever been to Ooty?

77. In a letter to an officer, the 'subscription' is ...........
(1) Yours sincerely,
(2) yours faithfully
(3) Yours faithfully,
(4) Yours' faithfully,

78. Identify the correct sentence that contains all the words in the box.
sun, clouds, makes, the, the, us, for

(1) The sun makes us for the clouds.
(2) The sun makes the clouds for us.
(3) The clouds makes the sun for us.
(4) The sun clouds makes for us.

79. Read the four parts of a sentence.
They are marked A, B, C and D.
A) because it was interesting
B) interested in the book
C) that he could not put it down
D) he was so

The correct sequence of the parts is:
(1) D), B), C), A)
(2) B), C), A), D)
(3) A), C), B), D)
(4) D), C), A), B)
80 to 84: Read the following passage and answer the questions given below.

John Ruskin says, "All books are divisible into two classes, the books of the hour and the books of all time."

Similarly some books are read by 95% of people for some years and then they are virtually forgotten. Take for example, 'detective' novels. We may not have heard about the authors of detective novels like Erle Stanley Gardner. Although the taste of readers is changing, 5% of people continue to read 'classics'. Mark Twain said, "A classic is a book which people praise but don't read."

Books are good companions and good counsellors. They are like good friends. As a good friend walks in when others walk out, books also walk in to console you. They offer the best solace you think of.

80. According to Ruskin, books can be divided into ........
   (1) some categories
   (2) three categories
   (3) four categories
   (4) two categories

81. According to this passage, ...........
   (1) some books are read and forgotten
   (2) very few books are read but forgotten
   (3) most of the books are read but forgotten
   (4) no book is read and forgotten

82. According to this passage, ...........
   (1) a majority of people read classics
   (2) every reader reads classics
   (3) more than half of the readers read classics
   (4) a small percentage of people read classics

83. The writer of this passage compares books to .............
   (1) friends
   (2) classics
   (3) time
   (4) detectives

84. The writer of this passage says that books can make us .............
   (1) feel sad
   (2) feel better
   (3) feel dejected
   (4) feel serious
85. Language games can consolidate the pupils' skills of ......
(1) listening and speaking only
(2) speaking and reading only
(3) reading and writing only
(4) listening, speaking, reading and writing

86. We teach a supplementary reader for ............
(1) learning pronunciation
(2) learning syntax
(3) extensive reading
(4) intensive reading

87. Read the question in the box given below:

Choose the correct word to fill in the blank.
Ravi goes to school ............ bicycle.
a) by  b) on  c) with  d) over

The above test item tests the ............
(1) lexical item
(2) knowledge
(3) skill
(4) speech

88. At schools, teachers conduct unit tests, terminal exams and annual exams to ensure ............
(1) continuous and comprehensive evaluation
(2) summative evaluation
(3) diagnostic evaluation
(4) formation evaluation

89. In microteaching, the sequence of events is:
(1) Teacher trainees improve their spoken English.
(2) They prepare a microlesson plan, teach, get the feedback, replan and reteach.
(3) They teach, get the feedback, prepare a microlesson and reteach.
(4) They prepare a microlesson plan and improve their teaching.

90. One of the basic elements of spoken English is fluency. Fluency is the ability of a speaker ............
(1) to pause at the right place while speaking
(2) to speak fast
(3) to speak as fast as he can
(4) to speak as slowly as he can
91. There are three sectors in a pie-diagram. If the angles of two sectors are 80° and 140°, then the angle of the third sector is …………..

(1) 220°  (2) 60°  (3) 140°  (4) 80°

92. A cricket ball's cost is Rs. 36 and the cost of a cricket bat is 12\(\frac{1}{3}\) times that of the cost of the cricket ball. The cost of the cricket bat (in rupees) is …………..

(1) 450  (2) 350  (3) 550  (4) 650

93. The value of \(\left(1^2 - \frac{1}{3^2}\right) \left(1^2 - \frac{1}{4^2}\right)
\left(1^2 - \frac{1}{5^2}\right)\) is …………..

\(\left(1^2 - \frac{1}{3^2}\right) \left(1^2 - \frac{1}{4^2}\right)\)

\(\left(1^2 - \frac{1}{3^2}\right) \left(1^2 - \frac{1}{4^2}\right)\) is …………..

(1) 101  (2) 7  (3) 9  (4) 3

94. In a \(\Delta ABC\), if \(A = 90^\circ\) and \(B = 2C\), then \(C\) is …………..

\(\Delta ABC\) \(A = 90^\circ\), \(B = 2C\) \(C\) is …………..

(1) 15°  (2) 30°  (3) 45°  (4) 90°

95. The present age of a father is 42 years and of his son is 12 years. The ratio of age of the father to his son 2 years ago was …………..

(1) 7 : 2  (2) 4 : 1  (3) 2 : 7  (4) 1 : 4

96. If 2 m. 60 cm cloth is required for one shirt, then the cloth required for 7 shirts is …………..

(1) 14 m. 80 cms  (2) 18 m. 20 cms  (3) 15 m. 20 cms  (4) 16 m. 80 cms

\(2\) \(\text{m. 60 cm}\) \(7\) \(\text{shirts}\) \(\text{cloth required for}\) \(\text{one shirt}\) \(\text{required for}\)
97. The value of \(\sqrt{1.44 \times 6.25}\) is ............
\[\sqrt{1.44 \times 6.25} \approx 3\] ............
(1) 2
(2) 1
(3) 4
(4) 3

98. If \(x, y, z\) are any three rational numbers and if \(x > y, y > z\), then \(x > z\). This property is known as ......
(1) Law of Tricotomy
(2) Transitive Property
(3) Associative Property
(4) Closure Property

99. A school has 560 students. If the number of girls is \(14\frac{1}{2}\%\) of the number of boys, then the number of girls in the school is ............
\[560 \times 14\frac{1}{2}\% = 80\]
(1) 320
(2) 80
(3) 70
(4) 490

100. If a clock shows 8 o’clock, then the angle between the two hands is ......
\[\frac{360}{12} \times 4 = 120°\]
(1) 240°
(2) 120°
(3) 145°
(4) 125°

101. To represent equal numerical values, same type of diagrams are used in ..........
(1) bar diagrams
(2) pie diagrams
(3) sectors
(4) pictographs.

102. There are some bags, where 21 bags are kept in each room. If the bags are kept in 16’s and 20’s per room, 4 bags are left out. The total number of bags that are there in all is ..........
\[21 \times 16 + 20 \times 20 - 4 = 764\]
(1) 48
(2) 80
(3) 84
(4) 76
103. The value of \( \frac{9}{17} \times \left( \frac{3}{7} - \frac{4}{5} \right) \) is

\[
\frac{9}{17} \times \left( \frac{3}{7} - \frac{4}{5} \right) = \frac{-117}{595} \\
(1) \quad \frac{117}{595} \\
(2) \quad 117 \\
(3) \quad 595 \\
(4) \quad -595 \\
\]

104. The ratio between Rs. 2 and 60 paise is ............

\[
\text{Rs.} \ 2 \text{ to paise} \ 60 = \frac{200}{60} \text{ ratio} \quad .......... \\
(1) \quad 1 : 30 \\
(2) \quad 30 : 1 \\
(3) \quad 10 : 3 \\
(4) \quad 3 : 10 \\
\]

105. If one angle is the average of the other two angles and the difference between the greatest and least angles is 60°, then the formed triangle is called ............

(1) an isosceles triangle \\
(2) an equilateral triangle \\
(3) a right angled triangle \\
(4) a right angled isosceles triangle \\

106. The difference between the largest 6 digit number and the smallest 5 digit number is ....

\[
\text{Largest 6 digit number} = \text{Smallest 5 digit number} + 1 \\
(1) \quad 999998 \\
(2) \quad 888888 \\
(3) \quad 988888 \\
(4) \quad 989999 \\
\]

107. The summer vacation was declared for all the schools from April 24th. If the vacation is for 49 days, then the schools reopen on .............

(1) June 11th \\
(2) June 12th \\
(3) June 10th \\
(4) June 13th \\

108. If two-thirds, half and one-seventh of a number is added to itself, the result is 37. Then the number is ............

\[
\frac{2}{3}x + \frac{1}{2}x + \frac{1}{7}x = 37 \\
\text{Solving gives} \quad x = \frac{97}{2} \\
(1) \quad 14 \frac{1}{97} \\
(2) \quad 16 \frac{2}{97} \\
(3) \quad 18 \frac{2}{97} \\
(4) \quad 15 \frac{1}{97} \\
\]
109. The value of a vehicle depreciates every year by 5%. If the present value of the vehicle is Rs. 50,000, then its value after two years (in rupees) is ............

(1) 45,125  (2) 47,500  (3) 52,500  (4) 54,875

110. The center and end points of an arc of a circle are collinear. The arc is called as .............
(1) diameter  (2) chord  (3) major arc  (4) semicircle

112. The cost of 4 dozen papers is Rs. 24.

The cost of 1 score of papers (in rupees) is ..........

(1) 40  (2) 20  (3) 10  (4) 42

113. The perimeter of a semicircle is 36 cms. Its diameter (in centimeters) is ...........

(1) 7  (2) 14  (3) 22  (4) 35

114. The value of $0.2727\ldots + 0.7373\ldots$ is ...........

$0.2727\ldots + 0.7373\ldots$ = ...........

(1) 1.001  (2) 1.01  (3) 1.0202\ldots  (4) 1.0101\ldots
115. The author of 'Pancha Siddhantika' is ............
(1) Aryabhata
(2) Varahamihira
(3) Bhaskaracharya
(4) Brahmagupta

116. The terminal competency to be achieved in Geometry at the primary stage is ............
(1) to understand the types of triangles
(2) to draw a circle when radius is given
(3) to draw an angle equal to the given angle
(4) to express the concept of a circle and technical words associated with it

117. Students are asked to find the various characteristics of a rectangle by using a geometric box. The teaching method adopted is the ......
(1) playway method
(2) problem solving method
(3) Heuristic method
(4) project method

118. In the lesson plan presently being prepared in schools, the aspect to be indicated after content analysis is ....
(1) teaching learning activities
(2) competencies to be achieved
(3) teaching learning material
(4) evaluation
119. "Student verifies the outcome when two fractions are multiplied". This specification belongs to the objective of .........

(1) understanding
(2) knowledge
(3) application
(4) skill

“శిష్యుడు రాసుకునే పరిరామల పూర్తిమైన పరికారమైన రాసులు పూర్తిమైనవి" పదాల ఈ నియోగానికి

(1) అర్థానికమైనవి
(2) అధికారానికమైనవి
(3) విశాఖపట్నం నియోగానికమైనవి
(4) విద్యార్థి నియోగానికమైనవి

120. To evaluate a text book as per the Hunter's score card, the content is to be assessed for ......... points.

(1) 50
(2) 250
(3) 100
(4) 300
121. Examine the following:
A) The tip of the tongue – sweet taste
B) The back of the tongue – sour taste
C) The edges of the tongue – bitter taste
D) The middle of the tongue – salty taste
Identify the correct pairs:
A) దుశ్చాయా ఉండి – మానం
B) మనలు ఉండి – కాయం
C) దుశ్చాయా ఉండి – పాటు
D) మనలు ఉండి – మానం
(1) A), C)
(2) B), D)
(3) B), C)
(4) A), D)

122. The first-aid kit in a classroom contains tartaric acid, iodine, antiseptic lotion and potassium permanganate. The item/items you use to give first-aid to the victim of scorpion bite is/are ..........
(1) iodine
(2) potassium permanganate or tartaric acid
(3) antiseptic lotion
(4) antiseptic lotion and iodine

123. The number of players and extra players present in a kabaddi team respectively are ...........
(1) 5, 2
(2) 6, 4
(3) 7, 5
(4) 8, 2

124. Examples for pollination by water and pollination by wind respectively are ...........
(1) hydrilla, maize
(2) wheat, vallisneria
(3) drosera, paddy
(4) eichornia, pistia

(1) chlorophyll
(2) veins
(3) xylem
(4) stomata
126. A farmer collected ‘sword suckers’ to grow in his field. The crop is .......
(1) potato 
(2) turmeric 
(3) plantain 
(4) sweet potato

127. The skin disease caused due to vitamin deficiency is ...........
(1) Pellagra 
(2) Eczema 
(3) Acne 
(4) Measles

128. A farmer has a field with sand soil in coastal region. Suggest a suitable crop which can be grown in his field.
(1) Turmeric 
(2) Sugarcane 
(3) Chillies 
(4) Casuarina

129. A person wishes to stay in a forest and study the life of wild animals. The type of the house he has to live in is .....
(1) a tent house 
(2) a mud house 
(3) a stilt house 
(4) a hut

130. The abundant presence of these plants decreases the nitrogen percentage in the air.
(1) leguminous plants 
(2) plantains 
(3) water hyacinth 
(4) coconut

131. The gas that destroys chlorophyll in plant leaves is ...........
(1) CO₂ 
(2) SO₃ 
(3) H₂S 
(4) SO₂
132. Pick up the wrong statement with reference to water.
(1) It is not an element.
(2) It is a good conductor of electricity.
(3) \(2H_2 + O_2 \rightarrow 2H_2O\).
(4) It has a constant ratio of hydrogen and oxygen.

133. Examine the following statements.
   i) Need not clean toilet daily.
   ii) White washing of a house to be taken up periodically.
   iii) Store the garbage in the dustbin only forever.
   iv) Water and food vessels must be covered with lids.

Identify the correct responses from the following options.
(1) i), iii) (2) i), iv) (3) ii), iv) (4) iii), iv)

134. Latitudes and longitudes on a globe are ...........
(1) latitudes are horizontal imaginary lines and longitudes are vertical imaginary lines
(2) latitudes are vertical imaginary lines and longitudes are horizontal imaginary lines
(3) both latitudes and longitudes are horizontal imaginary lines
(4) both latitudes and longitudes are vertical imaginary lines
135. 'Gramasabha' means ........
(1) it is a meeting in which the sarpanch and all ward members participate
(2) it is a meeting headed by the sarpanch in which all the people of a village attend
(3) it is a meeting of sarpanch and the upasarpanch with village secretary and other employees of the grama panchayat
(4) it is a meeting headed by the sarpanch in which all ward members, youth associations and caste heads attend

136. 'Shravanbelagola', and 'Mahabali-puram', the historical places are located respectively in these states.
(1) Andhra Pradesh, Tamil Nadu
(2) Kerala, Karnataka
(3) Tamil Nadu, Karnataka
(4) Karnataka, Tamil Nadu

137. The area of India is ............
(1) 3.28 million sq. kms
(2) 32.8 million sq. kms
(3) 3.28 billion sq. kms
(4) 32.8 billion sq. kms
138. Read the following and identify the correct pair:
A) Kuchipudi – Tamil Nadu
B) Bhangra – Punjab
C) Bharatanatyam – Andhra Pradesh
(1) A, B
(2) A, C
(3) A, B
(4) B) only

139. Eastern and western ghats of peninsular plateau meet here.
(1) Seshachala hills
(2) Nallamala mountains
(3) Nilgiri mountains
(4) Papi hills
(1) శేషచాల పార్శ్వాన పార్వతి కింద మిడింస్
(2) నాల్లామల పార్వతి
(3) నీలగీరి పార్వతి
(4) పాపి పార్వతి

140. The hot deserts are situated between these latitudes on either side of the equator.
(1) 15° – 30°
(2) 30° – 45°
(3) 5° – 15°
(4) 0° – 5°

141. Health, revenue, fire services and education belong to this category.
(1) All are ordinary services.
(2) All are emergency services.
(3) Health and fire services are emergency services, revenue and education services are ordinary services.
(4) Health and fire services are ordinary services; revenue and education services are emergency services.
142. The popular names of Gopal Krishna Gokhale and Dadabhai Naoroji respectively are ...........
(1) Iron man, Punjab Kesari
(2) Grand old man of India; Iron man
(3) Punjab Kesari; Socrates of Maharashtra
(4) Socrates of Maharashtra; Grand old man of India

143. This is not an organ of the United Nations Organization.
(1) The Secretariat
(2) The General Assembly
(3) The World Health Organization
(4) The International Court of Justice

144. Examine the following and identify the mismatch:
A) Mud house – Rajasthan
B) Igloo – Lake
C) Sky scraper – Big city

(1) C) only
(2) B) only
(3) A) only
(4) C) and A)
**METHODOLOGY**

145. The product of science is indicated by .........
   (1) the scientific method of inquiry
   (2) accumulated and systematized body of knowledge
   (3) the scientific attitude
   (4) gathering of data

146. Most important initial step towards achievement of an aim is .........
   (1) skill
   (2) ability
   (3) objective
   (4) goal

147. The method that helps in developing manipulative skills among the students is .........
   (1) lecture method
   (2) historical method
   (3) laboratory method
   (4) lecture cum demonstration method

148. The arrangements that shows the creatures living on the land is .........
   (1) aquarium
   (2) terrarium
   (3) herbarium
   (4) vivarium
149. The plan meant for evaluating the learning outcomes of the students in the classroom is called ...........
(1) unit plan
(2) subject plan
(3) lesson plan
(4) year plan

150. The evaluation that is used for grading purpose is called ...........
(1) formative evaluation
(2) summative evaluation
(3) diagnostic evaluation
(4) grading evaluation

ఉచిత విధం (grading purpose)

(1) ఉచిత విధం
(2) ఉచిత విధం
(3) ఉచిత విధం
(4) ఉచిత విధం