1. During fertilization the chromosome received from the male partner is ________.
   A) Y  B) X  C) XY  D) XX

2. Non-directive counselling was advocated by ________.
   A) Karl Rogers  B) Darwin  C) Taylor  D) Pavlov

3. The book titled 'Dream Analysis' was published by ________.
   A) John Dewey  B) William James  C) Edward Tichenes  D) Sigmund Freud

4. Types of Mental Conflicts are ________.
   A) 4  B) 2  C) 3  D) 8

5. The psychological functioning of a person is ________.
   A) The pituitary gland  B) Thyroid gland  C) Para thyroid gland  D) Adrenal gland

During fertilization the chromosome received from the male partner is ________.
   A) Y  B) X  C) XY  D) XX

Name the test devised by Thorndike in multiple theory of Intelligence ________.
   A) CVAD  B) CAVD  C) CDAV  D) CDVA

Stimulus – response is due to ________.
   A) Sense organs  B) Experience

The main ductless gland that regulates the physiological and psychological functioning of a person is ________.
   A) The pituitary gland  B) Thyroid gland  C) Para thyroid gland  D) Adrenal gland
12. State the total number of creativity tests (Verbal + Non-verbal) in Minnesota test of thinking.

A 10  B 14  C 12  D 19

13. Personality traits such as introversion and extroversion personality was explained by Eysenck

B Eysenck  C Kemp  D Yung

14. According to piaget, _______ is the 3rd stage in the cognitive growth of an individual.

A Pre-operational stage  B Concrete operational stage  C Sensory Motor stage  D Formal operational stage

15. The best way to change the wrong doing of a child is by

A Punishment  B Teaching good moral values  C by giving awards  D ignoring his behaviour

16. Hull’s theory of learning formulae is

A S = DXSR  B R = DXS  C R = S = DXRS  D S = DXR

17. The potential chemical agent responsible for memory is

A D.N.A.  B R.N.A.  C Proteins  D Carbohydrates

A 10-11  B 19-20  C 40-41  D 15-16

Intelligence attains its maximum level at the age of

A 10-11  B 19-20  C 40-41  D 15-16

18. The most potential chemical agent responsible for memory is

A D.N.A.  B R.N.A.  C Proteins  D Carbohydrates
25. The chronological age of one child is 8, mental age is 7 and another child is with C.A. 7 & M.A. 8, find out their I.Q. level.
   A 87.5 & 114.5  B 85.7 & 141.5  C 8.75 & 11.45  D 875 & 114

The Chronological age of one child is 8, Mental age is 7 and another child is with C.A. 7 & M.A. 8, find out their I.Q. level.

26. In which country was the Juvenile Psychopathic Institute established in the year 1909?
   A Australia  B India  C Chicago  D Saudi Arabia

27. The two types of memory are
   A STM & LTM  B ATM & GTM  C LTM & ATM  D ATM & STM

28. Robert Gagne’s theory of Hierarchical learning includes ______ types of learning
   A 5  B 7  C 8  D 6

29. The device used to measure the span of attention is
   A Tachistoscope  B Mirror drawing apparatus  C Tachistoscope  D Memory drum apparatus

30. VIBGYOR is a good example of
   A abbreviation  B Mnemonics  C easy learning D monics

   Robert Gagne’s theory of Hierarchical learning includes ______ types of learning
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ii. Language I – jāce - Tamil

31. Find out their I.Q. level.

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32. The device used to measure the span of attention is
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37. VIBGYOR is a good example of
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44. The police will leave no stone unturned to discover the murderer.
   A. investigate thoroughly  B. interrogate carefully  C. search rigidly  D. probe scrupulously

45. A rich landowner was on his deathbed, gasping for breath. He told his three sons to dig under his bed when he was gone, and he died. Some days later, the sons dug at the spot and unearthed three pots, (66) one above the other. The first pot contained mud, the middle contained dried cow dung and the (67) pot contained straw. Below this pot there was a silver coin. The brothers were puzzled. "Obviously, father meant to (68) some message to us through the pots and their contents, said the eldest brother. They (69) for a while but (70) of them could come up with an explanation.

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53. In each of the following sentences, an idiomatic expression or a proverb is highlighted.

54. Choose the correct phrase to fill in the blank in the sentence.
   She ____________ living in Chennai since 1989.
   A. have been  B. had been  C. have being  D. has been

57. In the following passage, there are blanks each of which has been numbered. Against each number, four words are suggested find out the appropriate word in each case.

61. Choose the correct phrase to fill in the blank in the sentence.
   She ____________ living in Chennai since 1989.
   A. have been  B. had been  C. have being  D. has been

62. I thought it might ____________
   A. reign  B. reined  C. ruin  D. rain

63. Change the given verb into noun form: Imagine
   A. imagination  B. imagined  C. imaginative  D. imaginary

65. The concert was brought to a close with a display of fire works
   A. concluded  B. interrupted  C. announced  D. cancelled

66. In the following passage, there are blanks each of which has been numbered. Against each number, four words are suggested find out the appropriate word in each case.

67. A rich land owner was on his deathbed, gasping for breath. He told his three sons to dig under his bed when he was gone, and he died. Some days later, the sons dug at the spot and unearthed three pots, (66) one above the other. The first pot contained mud, the middle contained dried cow dung and the (67) pot contained straw. Below this pot there was a silver coin. The brothers were puzzled. "Obviously, father meant to (68) some message to us through the pots and their contents, said the eldest brother. They (69) for a while but (70) of them could come up with an explanation.

Finally they decided to (71) their doctor, who was also a family friend. The doctor laughed when he heard about their problem. 'Your father loved puzzles,' he said, 'The interpretation is
simple. The topmost pot contains mud you say, that (72) he wants his eldest son to have his fields. The second pot contains cow dung. It means he wants his second son to have his (73) of cattle. The last pot contains straw. Straw is golden coloured that means he wants his youngest so to have all his gold.' The brothers were happy with the way their father had divided his wealth and appreciated the doctor's (74).

'The silver coin at the bottom of the pots? What does it mean?' asked the youngest brother.

'Your father knew you would come to consult me,' smiled the doctor, 'The coin is my (75).

66. A only B stand C stood D placed

67. A least B lowest C less D deep

68. A tell B request C order D teach

69. A one B either C some D none

70. A go B told C consult D take

71. A meaning B telling C suggesting D means

72. A herd B flock C gathering D school

73. A effort B wisdom C brilliant D wit

74. A friendship B pot C fee D keep

Rearrange the following sentences in proper sequence to form a meaningful paragraph, and answer the given questions.

A) The farmer called his neighbours and asked them to help him put mud into the well but the mule thought that he was calling the neighbours to help him get out of the well.
B) A farmer wanted to get rid of his old mule and buy a new one but the mule always came back from wherever the farmer left him.
C) He walked away from his cruel master and never returned.
D) One day the mule fell into the well and the farmer thought, 'Why not bury it there so that I don’t have to worry about getting rid of it?'
E) The mule started shaking off all the mud that fell on him and kept climbing on the leap of mud as it fell into the well, soon he was on top of the mud heap and he easily got out of the well.
F) When they started putting mud in the well the mule realized his master’s plan and started thinking of ways to say himself.

Choose the correct order of the sentences from the list given below:

76) A ABDCEF  B BDAFEC  C DFEABC  D BDEFC

In each sentence below one word has been underlined. Of the four words suggested under each sentence, one can replace the underlined word without changing the meaning of the sentence.

Find out the appropriate word in each case.

77. It was a useless attempt on her part to participate in the competition.
   A fruitful  B future  C last  D futile

78. He is reluctant to ask for permission to leave early.
   A unhappy  B ungrateful  C unwilling  D unsatisfied

Choose the word which is most opposite in meaning of the word given.

79. Polite
   A angry  B sheepish  C offended  D rude

80. Reveal
   A show  B exhibit  C conceal  D prohibit

81. How many meaningful English words can be formed with the letters OTE using each letter once?
   A none  B two  C one  D three

The following sets of ideas / objects have some common feature / function. Spot the odd one out

eg: bag, basket, hat, bucket

82) A bite B chew C suck D nibble

83) Choose the appropriate word and fill in the blank
I do not know what _____________ my father choose that particular school
A happened  B controlled  C asked  D made

Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence.

The number of that part is the answer. It there is

84) while he was walking along the road (A) a speeding car (B) knocked down to him (C) / no error (D)

85) Everybody know that his failure can (A) be attributed to (B) his lack of practice (C) / No error (D)

86) Do you wanted to discuss this (A) / project today or can (B) / we do it tomorrow (C) / no error (D)

87) What animal is found, by taking the fifth letter of the second word, the ninth letter of the first word, the sixth letter of the fourth word and the fourth letter of the third word?
   PARTICIPATION
   SHOULDER
   SYMBOLICALLY
88) A horse is tied to a 30 feet rope. A haystack lies 40 feet away, but the horse is able to eat it. How is this possible?
A The horse is very smart.  B The other end of the rope is not tied to anything.  
C The distance is not measured correctly.  D The wind blew and brought the haystack close to the horse.

89) In the Active Learning Method (ALM) Mind map is drawn to check the ____________ of the students.
A drawing  B writing  C understanding of the content  D to while away the time

90) Identify the compound sentence:
A He is too tired to walk  B After he had done the sums he went to bed.  
C As she worked hard she completed the work.  D The farmer was old and he could not plough the field himself

iv. (a) Mathematics and Science
91. Curriculum is designed by
A Syllabus Committee  B Class Teachers  C Educational Experts  D Headmasters

92. Which one of the following is relatively prime?
A (7, 21)  B (3, 15)  C (3, 5)  D (6, 2)

93. Evaluate (2 √3 + √5) √(5 - 2 √3)
A -9  B 12  C -1  D -7

94. One of the factors of the expression $x^3 + 5x^2 - x - 5$ is (x-1). The other factors are
A $(x-1)(x+5)$  B $(x-1)(x-5)$  C $(x+1)(x+5)$  D $(x+1)(x-5)$

95. Arthi has number cards with numbers 1 to 9, if she wants to choose three cards to form a number between 280 and 300, then she has to choose ___ option.
A  B  C  D

96. If $2(2x-1) = 8(3-x)$, then the value of x is
A -1  B -2  C 2  D 3

97. Find the value of $329/728 = x$
A $10x$  B $100x$  C $x/10$  D $x/100$

98. One of the factors of the expression $x^3 + 5x^2 - x - 5$ is (x-1). The other factors are
A $(x-1)(x+5)$  B $(x-1)(x-5)$  C $(x+1)(x+5)$  D $(x+1)(x-5)$

The mean of the n numbers is
$$\frac{1}{n} \sum_{k=1}^{n} a_k$$

96.2 $2^{(2x-1)} = 8(3-x), x \text{ का मान है}$
A -1  B -2  C 2  D 3

97. $329/728 = x \text{ से है}$
A $10x$  B $100x$  C $x/10$  D $x/100$
99. If the sum of the digits of a two-digit number is 6, then the number is 18. If 18 is subtracted from the number its digits are interchanged. The number is

A 51  B 24  C 33  D 42

Sum of the digits of a two-digit number is 6. If 18 is subtracted from the number its digits are interchanged. The number is

A 51  B 24  C 33  D 42

100. "The most important" means which of the following?

A Music  B Reading  C Writing  D Speaking and Hearing

101. The method that helps in developing manipulative skills among the students is

A Dyslexia  B Reading  C Speaking and Reading  D Speaking and Hearing

102. The cost price of 11 pens is equal to the selling price of 10 pens. Find the loss or gain percent.

A 11%  B 1%  C 21%  D 10%

The cost price of 11 pens is equal to the selling price of 10 pens. Find the loss or gain percent.

A 11%  B 1%  C 21%  D 10%

A 150  B 165  C 275  D 600

The cost price of 11 pens is equal to the selling price of 10 pens. Find the loss or gain percent.

A 11%  B 1%  C 21%  D 10%
109) A television set was sold for Rs.5760 after giving successive discounts of 10% and 20% respectively. What is the marked price?

A Rs. 6000  B Rs.8000  C Rs.7000  D Rs.5000

A copper wire is in the form of a circle with radius 35cm. If it is bent into a square then the side of the square will be

A 220 cm  B 56 cm  C 150 cm  D 70 cm

110) A Develops the ability to prepare notes of lesson  B Helps to prepare teaching aids  C Helps to list out the competencies  D In it learning becomes meaningful because learning is done by visual aids

111) The necessary condition for the determination of a plane is

A One point  B Three points  C Two points  D Three non-collinear points

112) Induction method is

A From various examples to general concepts.  B Self learning method  C Group learning method  D Moving from abstract to concrete

Area of the quadrilateral ABCD is

A 65 cm²  B 56 cm²  C 150 cm²  D 90 cm²

A – Food, B – Spend on Clothing, C – Conveyance, D – Saving, E – House Rent, F – Miscellaneous

The following diagram represents the percentage various expenditure of a family. Based on the data answer the following questions.

A – Food, B – Spend on Clothing, C – Conveyance, D – Saving, E – House Rent, F – Miscellaneous
116) The monthly income is Rs. 3080. How much amount is spent on saving per month?
A 510  B 616  C 620  D 712

117) How many degrees should be there in the central angle of the sector for House Rent?
A 56°  B 34°  C 54°  D 36°

118) Myopia—defect may arise due to
A The eyeball becoming too small  B Elongation of the eyeball  C The focal length of the eye lens becoming too long  D all the above

122) The Fusion reaction in the hydrogen bomb is
A \( \text{H}^2 + \text{H}^3 \rightarrow \text{He}^4 + \text{on}^1 + \text{Energy} \)
B \( \text{H}^2 + \text{H}^3 \rightarrow \text{He}^4 + 2\text{on}^1 + \text{Energy} \)
C \( \text{H}_2 + \text{H}_2 \rightarrow \text{He}^4 + \text{on}^1 + \text{Energy} \)
D \( \text{H}_2 + \text{H}_2 \rightarrow \text{He}^4 + 2\text{on}^1 + \text{Energy} \)

123. Radiation Exposure is measured by_________ unit
A ray  B Decibel  C Fermi  D Roentgen

124. One Astronomical unit (AU)
A \( 1.986 \times 10^{16} \) B \( 2.8 \times 10^{16} \) C \( 1.496 \times 10^{12} \) D \( 9.467 \times 10^{12} \)

125. The S.I unit of potential difference
A Ohm  B Volt  C Ampere  D Coulomb

126. Which one of the following is not a unit of time?
A year  B light year  C day  D second

127. The symbol of variable resistance is ______
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129. Example for shrubs
A Paddy B Rose C Radish D Neem
Example for Bryophytes
A Cicas B Pinus C Moss D Grass

130. The atoms $^{14}$C and $^{14}$N can be described as
A Saturated Solution B Super Saturated Solution C Unsaturated Solution D all the above

131. Which one is hetero atomic molecules?
A O$_2$ B H$_2$ C NH$_3$ D H$_2$SO$_4$

133. The movement of a plant part in response to light is called
C Geotropism  B Chemotropism D Hydrotropism

134. The chemical name of laughing gas is
A nitrous oxide B calcium sulphate C calcium oxide D nitrous dioxide

135. The pH value of blood is
A 6 B 8.4 C 7.4 D 5.5

136. Which one is not in oxidation?
A A Gain of hydrogen B Gain of oxygen C Loss of hydrogen D Loss of electrons

137. The study of algae is called
A The Gas liberated during fermentation is ________________
A Oxygen B Nitrogen C Carbon dioxide D Chlorine

139. The movement of a plant part in response to light is called
A A B C D

140. Example of Metalloids
A Platinum B Germanium C Graphite D Silver

141. A B C D

142. Example of Fruits and seeds dispersed by water.
A A B C

143. Example of Fruits and seeds dispersed by water.
A A B C

144. Bacteria are measured in _____________ Unit
A A B C
145. The shape of Vibrio Bacteria is
A Comma  B Spiral  C Rod  D Spherical

146. Which one is viral disease?
A Polio  B Tetanus  C Leprosy  D Malaria

147. Father of genetics
A Chandrasekar  B Mendel  C Landstenner  D Emerson

148. Length of large intestine
A 2 meter  B 3 meter  C 1.5 meter  D 6 meter

149. Best Breed for Apiculture
A Apis indica  B Apis florae  C Apis dorsata  D Apis mellifera

150. Bandipur National Park is in
A Gujarat  B Karnataka  C Assam  D Kerala

Thanks to