During fertilization the chromosome received from the male partner is

A Y B X C XY D XX

7. The test device by Thorndike in multiple theories of intelligence

A CVAD B CAVD C CDAV D CDVA

Name the test device by Thorndike in multiple theories of intelligence

A CVAD B CAVD C CDAV D CDVA

8. Stimulus – response is due to

A Brain B Maturity C Experience D 5

9. A       B

C  D

Types of Mental Conflicts are ___________

A 4 B 2 C 3 D 8

A Evaluation B Preparation C pursing D Planning

5. 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

Find the odd pair out

a) IQ test – Albert benae b) Verbal test-vexler c) I.Q - C.A. x 100

A a & b are correct B a & c are correct C c & a are correct D b alone is correct

6. Adolescence is a period of storm and stress – said by

A a & b are correct B a & c are correct C c & a are correct D b alone is correct

Find the odd pair out

a) IQ test – Albert benae b) Verbal test-vexler c) I.Q - C.A. x 100

A a & b are correct B a & c are correct C c & a are correct D b alone is correct

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. The transfer of physiological and genetic characters from parents to off springs through generations is called
   A Evolution  B Transfer to next generation  C Biological heredity  D None of the above
   The IQ correlation ($r$) of monozygotic twins, brought up in the same environment is
   A $r = 0.087$  B $r = 0.0870$  C $r = 0.87$  D $r = 8.7$
   The most apt method of evaluating a person’s personality is through
   A Behaviour & Creativity  B Warmth & acceptance  C Dymanism & Organised demeanor  D All the above
   Which of the following can be evaluated using Bruce Tuckman’s Teacher Feedback form
   A Punishment  B Teaching good moral values  C by giving awards  D ignoring his behaviour
   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
   Intelligence attains its maximum level at the age of
   A 10-11  B 19-20  C 40-41  D 15-16

13. The total number of creativity tests (Verbal + Non verbal) in Minnesota test of thinking
   A 10  B 14  C 12  D 19
   Personality traits such as introversion and extroversion personality was explained by
   A Cattell  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
   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
   Learning through insight was first shown by
   A B.F. Skinner  B Mary Kavur Jones  C Pavlov  D Kohler
   Learning through insight was first shown by
   A Skinner  B Mary Kavur Jones  C Pavlov  D Kohler
   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
   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

15. Intelligence attains its maximum level at the age of
   A 10-11  B 19-20  C 40-41  D 15-16
   The most potential chemical agent responsible for memory is
   A R.N.A  B Proteins  C Carbohydrates  D All the above
   The most potential chemical agent responsible for memory is
   A R.N.A  B Proteins  C Carbohydrates  D All the above
   Which of the following can be evaluated using Bruce Tuckman’s Teacher Feedback form
   A Behaviour & Creativity  B Warmth & acceptance  C Dymanism & Organised demeanor  D All the above
   Which of the following can be evaluated using Bruce Tuckman’s Teacher Feedback form
   A Behaviour & Creativity  B Warmth & acceptance  C Dymanism & Organised demeanor  D All the above
   Hull’s theory of learning formulae is
   A $S = R + DXS$  B $R = DXS + R$  C $S = R + DXS$  D $S = R + DXS$
   Hull’s theory of learning formulae is
   A $S = R + DXS$  B $R = DXS + R$  C $S = R + DXS$  D $S = R + DXS$

16. Learning through insight was first shown by
   A B.F. Skinner  B Mary Kavur Jones  C Pavlov  D Kohler
   Learning through insight was first shown by
   A B.F. Skinner  B Mary Kavur Jones  C Pavlov  D Kohler
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   A B.F. Skinner  B Mary Kavur Jones  C Pavlov  D Kohler
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   A B.F. Skinner  B Mary Kavur Jones  C Pavlov  D Kohler

17. The most potential chemical agent responsible for memory is
   A R.N.A  B Proteins  C Carbohydrates  D All the above
   The most potential chemical agent responsible for memory is
   A R.N.A  B Proteins  C Carbohydrates  D All the above
   The most potential chemical agent responsible for memory is
   A R.N.A  B Proteins  C Carbohydrates  D All the above

18. Which of the following is the most apt method of evaluating a person’s personality is through
   A Autobiography  B Self rating  C Questionnaire  D All the above
   Which of the following is the most apt method of evaluating a person’s personality is through
   A Autobiography  B Self rating  C Questionnaire  D All the above
   Which of the following is the most apt method of evaluating a person’s personality is through
   A Autobiography  B Self rating  C Questionnaire  D All the above
   Which of the following is the most apt method of evaluating a person’s personality is through
   A Autobiography  B Self rating  C Questionnaire  D All the above
25. The Chronological age of one child is 8, Mental age is 7 and another child is with IQ 7 and M.A. 8. Find out their IQ level.

A 87.5 & 114.5  
B 85.7 & 141.5  
C 8.75 & 11.45  
D 875 & 114

In which country was the Juvenile Psychopathic Institute established in the year 1909?

A Australia  
B India  
C Chicago  
D Saudi Arabia

27. The device used to measure the span of attention is

A Kalesidoscope  
B Mirror drawing apparatus  
C Tachistoscope  
D Memory drum apparatus

28. The two types of memory are

A STM & LTM  
B ATM & GTM  
C LTM & ATM  
D ATM & STM

The device used to measure the span of attention is

A Kalesidoscope  
B Mirror drawing apparatus  
C Tachistoscope  
D Memory drum apparatus

29. 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

A 5  
B 7  
C 8  
D 6

31. Avogadro’s number is

A 87.5 & 114.5  
B 85.7 & 141.5  
C 8.75 & 11.45  
D 875 & 114

32. In which country was the Juvenile Psychopathic Institute established in the year 1909?

A Australia  
B India  
C Chicago  
D Saudi Arabia

33. STM & LTM  
B ATM & GTM  
C LTM & ATM  
D ATM & STM

34. VIBGYOR is a good example of

A Mnemonics  
B Abbreviation  
C Easy learning D monics

35. The device used to measure the span of attention is

A Kalesidoscope  
B Mirror drawing apparatus  
C Tachistoscope  
D Memory drum apparatus

36. VIBGYOR is a good example of

A Mnemonics  
B Abbreviation  
C Easy learning D monics

37. The two types of memory are

A STM & LTM  
B ATM & GTM  
C LTM & ATM  
D ATM & STM

38. Robert Gagne’s theory of Hierarchical learning includes ________ types of learning

A 5  
B 7  
C 8  
D 6

39. VIBGYOR is a good example of

A Mnemonics  
B Abbreviation  
C Easy learning D monics

40. The device used to measure the span of attention is

A Kalesidoscope  
B Mirror drawing apparatus  
C Tachistoscope  
D Memory drum apparatus

41. VIBGYOR is a good example of

A Mnemonics  
B Abbreviation  
C Easy learning D monics

42. Robert Gagne’s theory of Hierarchical learning includes ________ types of learning

A 5  
B 7  
C 8  
D 6

43. The two types of memory are

A STM & LTM  
B ATM & GTM  
C LTM & ATM  
D ATM & STM

ii. Language I – jāce – Tamil

1. What is the Tamil word for 1 (one) 3 (three) 4 (four)?

A 1  
B 3  
C 4  
D 2

2. What is the Tamil word for 1 (one) 3 (three) 4 (four)?

A 1  
B 3  
C 4  
D 2

3. What is the Tamil word for 1 (one) 3 (three) 4 (four)?

A 1  
B 3  
C 4  
D 2

4. What is the Tamil word for 1 (one) 3 (three) 4 (four)?

A 1  
B 3  
C 4  
D 2
44. ‘

A B C D

45. ‘

A B C D

46. ‘

A B C D

47. ‘

A B C D

48. ‘

A B C D

49. ‘

A B C D

50. ‘

A B C D

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A B C D

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A B C D

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A B C D

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A B C D

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A B C D

57. ‘

A B C D

58. ‘

A B C D

59. ‘

A B C D

60. ‘

A B C D

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 ruin C ruin D rain

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

64. The police will leave no stone unturned to discover the murderer
A make no excuse C be indifferent D be indifferent

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

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

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 (68) 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).

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) DBEFC

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 o 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

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

The following sets of ideas / objects have some common feature / function. Spot the odd one out.
82) A) bite B) chew C) suck D) nibble

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.
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)

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
iv. (b) Social Science

The Female poets of Vedic period
A Prajapathi, Viswapathi, Sadamana  
B Niska, Panjali, Swarna  
C Garki, Maitreyi, Avvai  
D Abala, Kosa, Lobamudra

The State that comprises more number of Buddhist Viharas is
A Karnataka  
B Bihar  
C Jharkhand  
D Oddisa

The reign of Chandragupta Mauriya
A B.C. 298-273  
B B.C. 324-299  
C B.C. 261-236  
D B.C. 280-255

The book written by Harsha in Sanskrit
A Karosthi  
B Dharma Vijayam  
C Mudraratshasam  
D Ratnavali

Which is considered as the most ancient part of the world by historians?
A Gangetic Valley  
B Southern part of Vindhya Mountain  
C North Western Indian Valley  
D North Eastern part of India

Which is considered as the most ancient part of the world by historians?
A Sandelas  
B Rajputs  
C Chauhans  
D Prathiharas

The book ‘Si-Yu-Ki’ is on
A Administration of Harsha  
B Buddhism  
C Conquests of Harsha  
D Nalanda University

A Sandelas  
B ‘Khajuraho’ temple was built by  
C Chandragupta  
D Prithiviraj
100. A person who was named as ‘Tiger of Mysore’ was Sir Henry Ford.

101. Iconography was introduced by A Pallavas B Later Pallavas C Cholas D Later Cholas

102. The King who invaded India many times to capture Punjab before the third Battle of Panipet was A Gulumshad B Balban C Ilutmish D Nasruddin. The official language of Pallavas is A Sanskrit B Marathi C Tamil D Malayalam

103. The King who was praised as ‘LakBaksha’ was A Out-put-din Ibeuk B Balban C Ilutmish D Nasruddin

104. The massacre of Ambaina was A Robert Clive B Duplex C Mirjafer D Sir. Iyercoot

105. The person who was established British rule in India was A Robert Clive B Duplex C Mirjafer D Sir. Iyercoot

106. The person who was named as ‘Tiger of Mysore’ was A Hyder Ali B Tippu Sultan C Sabdar Ali D Fadak Hyder

107. The King who was praised as ‘LakBaksha’ was A Out-put-din Ibeuk B Balban C Ilutmish D Nasruddin

108. The person who was named as ‘Tiger of Mysore’ was A Hyder Ali B Tippu Sultan C Sabdar Ali D Fadak Hyder

109. The massacre of Ambaina was A Robert Clive B Duplex C Mirjafer D Sir. Iyercoot

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112. The massacre of Ambaina was A Robert Clive B Duplex C Mirjafer D Sir. Iyercoot

113. The official language of Pallavas is A Sanskrit B Marathi C Tamil D Malayalam

114. The nurturing field of social progress is A House B Family C School D Society
The local Government in India was initially established by Lord Curzon and Lord Canning. The IBRD, ILO, D IPU, IMF, BIBRD, C ILO, D IPU

Total number of Panchayat Unions in Tamil Nadu
A 370  B 375  C 380  D 385

The number of persons nominated by President in Rajya Sabha
A 12  B 14  C 16  D 18

The Union Territory that is located in three States
A Dieu, Damen B Dadra-Nagar Highvalley C Chandigar D Puducherry

The first meeting of constituent Assembly was presided by A Dr. B. R. Ambedkar B Dr. Sachidananda Sinha C Dr. K. M. Munshi D Dr. Rajendra Prasad

The basic features of Economics are
A Production, Labour, Income
B Production, Labour, Consumption
C Production, Distribution, Consumption
D Production, Distribution, Income

Which is the nearest planet to the sun in the solar system?
A Earth  B Mercury  C Mars  D Jupiter
130. The Troposphere A Stratosphere B Ionosphere C Exosphere
* A B C D
Romance deep sea lies in
A Atlantic Ocean B Indian Ocean C Pacific Ocean D Antarctic Ocean

131. Total area of Tamil Nadu
A 1,30058 Sq.Km B 2,20060 Sq.Km C 1,40078 Sq.Km D 3,60004 Sq.Km

132. The Longitude that determines Indian Standard Time passes through the city of
A Jaipur B Visakapatnam C Allahabad D Surat

133. Mistral-Alps b Sirocco-Australia
A Mistral-Alps b Sirocco-Australia B b c c & d C Only d D Only a

134. White Revolution
A Oil seeds B Fruit Production C Milk Products D Egg and Poultry

135. Find out the peninsula from the following
A Australia B Japan C Iceland D Arabia

136. The Atmospheric layer of weather changes
A troposphere B stratosphere C ionosphere D exosphere

137. Which ocean has one third of land surface in the world
A Atlantic Ocean B Indian Ocean C Pacific Ocean D Antarctic Ocean

138. World's largest strait
A Davis strait B Palk strait C Borro strait D Tartar strait

139. The highest salinity is found in the waterbody
A Caspian sea B Van lake C Dead sea D Lake of Utah

140. Which is not the work of the glacier from the following?
A U shaped valley B Cirque C Hanging Valley D None of these

141. Universally accepted colour for mountain
A Blue B Green C Yellow D Brown
143. On which direction the predominant wind blows in the crescent shaped Barchan

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On which direction the predominant wind blows in the crescent shaped Barchan

144. Highest temperature is found in India at

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Highest temperature is found in India at

A Jaisalmer B Sri Ganganagar C Bikaner D Ajmer

Salinity is measured by

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Salinity is measured by

A Laco meter B Altimeter C Electric Salinity meter D Barometer

145. ‘Doldrums’ lie roughly between

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‘Doldrums’ lie roughly between

A 30° and 40° N & S latitude B 35° and 60° N & S latitude

C 5° and 30° N & S latitude D 5° and 50° N & S latitude

In India from Nov to Feb is winter, June to Sep is rainy reason, when is summer season?

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In India from Nov to Feb is winter, June to Sep is rainy reason, when is summer season?

A Feb to March B Middle of June to October

C March to June D Sep to Dec

148. Choose the largest map scale from the following

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Choose the largest map scale from the following

A 1:50,000 B 1:00,000 C 1:250,000 D None of these

149. The lines that adjoin different places with the same pressure

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The lines that adjoin different places with the same pressure

A Contour B Isobar C Isotherm D Hythergraph

150. The science of constructing map

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The science of constructing map

A Cartography B Topography C Demography D Geography