In order to motivate children, a teacher offers some sweets for the completion of each problem. This is a
Ans : A. Primary reinforce

A child who is more delighted with success, is possessing the need for
Ans : A. affection

A teacher who encourages the playway method in his teaching explores
Ans : A. Extrinsic Motivation

What type of tests are most suitable for the teacher in planning his teaching strategies?
Ans : D. Intelligence tests.

An Individual showing well adjusted personality is characterized by
Ans : D. Id, ego and superego are equally powerful.

A teacher tries to teach a complex idea with the help of some pleasant stimulus and after repeated use of the situations, the students liked the subject. The theory underlying this method is
Ans : D. Operant conditioning.

Stimulus – Response bond is established in
Ans : C. Trial and Error learning

A child who shows a aversion towards homework is to be corrected positively, which technique would you suggest?
Ans : B. Instrumental conditioning

What are the determinants of Guilford’s model of intellect?
Ans : B. Content, operation and product

A child who performs better in sports and games in dominant with
Ans : C. Bodily Kinesthetic intelligence

Emotional catharsis means
Ans : A. Free release of emotional energy

Erickson’s theory explain the concept of
Ans : D. Psycho – social development theory.

Cognitive development theory emphasizes the characteristics of child’s
Ans : A. Maturation

For capturing maximum attention of students, which of the following is correct?
Ans : C. Both the statements (1) and (II) are correct

Which of the following is not a type of attention?
Ans : D. Participatory attention.

Which of the following is not a projective test?
Ans : A. Minnesota Multiphasic personality inventory
17. To assess the absenteeism of students regularly, a teacher can use
   Ans: C. checklist

18. A Child who is weak in mathematics, tries to excel in language is using the mechanism of
   Ans: B. Compensation

19. When a student approaches you with a personal problem. What initial strategy will you
    provide?
   Ans: A. Analyse the causes of the problem.

20. Who put forward the client centred counseling?
    Ans: D. Carl Rogers.

21. Which of the following methods will you use to study the effectiveness of activity method in
    improving academic performance?
    Ans: B. Case study or D. Observation method

22. Educational psychology explains the scientific study of the behavior of
    Ans: B. Teacher and learners

23. The branch of psychology that deals with interrelationships among individuals is known as
    Ans: D. Social Psychology

24. What is the basic principle of development applied in the inductive approach?
    Ans: C. Principle of spirality

25. Which stage of cognitive development is suitable to teach the symbolic representation of
    equations in science?
    Ans: D. Formal operational stage.

26. When you are confronted with a visual learner, which learning method would you suggest?
    Ans: B. Concept mapping.

27. In one of the informal discussions in the classroom, two children are identified who are
    complaining about their parental conflicts. The problem associated with the children is
    i. Parental rejection
    ii. Poor family support
    iii. Isolated parents
    iv. Parental overprotection.
    Among these statements.
    Ans: A. All are correct

28. The chief exponent of emotional intelligence is
    Ans: C. Howard Gardner

29. In adiversifted classroom, the teacher should
    Ans: B. permit the students to learn according to their willingness

30. Learning curve depicts
    Ans: C. Graph representing the learner’s progression with time
31. சின்னடைத்துக்கு விளங்குவ விளக்கம்:
பதில்: B. கருத்து - கருத்து
2. சுதந்திரம் - புது
3. பலனக்கை - கிளைந்து
4. ஐரோப்பா - கருத்து

32. மூன்றாம் வருகையில் விளக்கம்:
பதில்: B. மன்னர் விளக்கம்

33. விளக்கம் துவாரம் எனக்கும் விளக்கங்களைப் பற்றி:
பதில்: D. குலம் குலம்

34. கல்விப் பாதுகை விளக்கங்கள் பாறை எனக்கும் விளக்கங்களைப் பற்றி:
பதில்: C. 120

35. சின்னடைத்துக்கு விளங்குவ விளக்கம்:
பதில் A. சின்னடைத்து - 2,8
2. மறை - 4, 14
3. குளைத்து - 6, 16
4. பரமேஸ்வரம் - 10, 20

36. முன்னமையான வருகையில் மூன்றாம் வருகையில் புதுக்கை பற்றியுள்ளது:
பதில்: D. முன்னமையானது

37. கூட்டம் 2010-தூச்சி 2011 வருகையில் விளக்கப்பட்டது எனக்கும் விளக்கம்:
பதில்: C. 2041

38. உயர்நிலை விளக்கங்கள் எனக்கும் விளக்கங்கள் பற்றி:
பதில்: A. விளக்கம்

39. உயர்நிலை விளக்கங்கள் பற்றியுள்ளது:
பதில்: A. விளக்கம்

40. கல்விப் பாதுகை விளக்கங்கள் பற்றியுள்ளது:
பதில்: B. முன்னமையானது

41. கூட்டம் 2010-தூச்சி 2011 வருகையில் விளக்கப்பட்டது:
பதில்: C. பரமேஸ்வரம்

42. உயர்நிலை விளக்கங்கள் பற்றியுள்ளது:
பதில்: D. குலம் குலம்

43. உயர்நிலை விளக்கங்கள் பற்றியுள்ளது:
பதில்: B. முன்னமையானது

www.kalvisolai.com
44. சின்னமான விளைவு ஒருங்கி விளக்க:
பதில் C சான்ந்தை - மாண்டுக்
குண்டுப்படி - மனிதர்கள்
இறுதிமைப்படி - மகிழ்ச்சை

45. 'நார்க்கு' சார்ந்த குறிப்பிட்டு விளக்கம் செய்து:
பதில்: B மண்டுக் குறிப்பிட்டு

46. குறுக்குவழங்கப் பிறந்தன்னர் பரிசையும் குற்று உள்ளது
பதில்: C 1, 2, 4

47. சின்னமான விளைவு ஒருங்கி விளக்க:
பதில்: A  புதுமை கருணையில் - 18 பணம்
சலை கருணையில் - 30 பணம்
இறுதிமைப்படியில் - 16 பணம்

48. குறுக்கு புதுமைக் குறிப்பிட்டு விளக்கம் - பதில்: B பரிசையை குறிப்பிட்டு

49. குறுக்கு குழுக்கு தொடர்பு வருமாறு விளக்கம் செய்து குறிப்பிட்டு விளக்க விளைவு மூலம் இயங்கும் அணுவகம் குறிப்பிட்டு
பதில்: C குறிப்பிட்டு

50. ஒரு குறிப்பிட்டு பரிசையும் குற்று விளக்கம் காரணங்கள் காரணங்களாக
பதில்: D காரண முக்கியத் தொடர்பட்டு.

51. நெக்டரிலில் சர்ப்பப்
பதில்: C பு, து

52. சின்னமான விளைவு ஒருங்கி விளக்க:
பதில்: A சீரியம் - சீரியம்
புரோக்கவுடன் - சீரியம்
புரோக்கம் - சீரியம்
புரோக்கம் - குக்கை

53. தொகைத்தொகையான் புதுக் பரிசைப்படி பம்பர்
பதில்: C புதுக்காரத்தில் பரிசை

54. குறுக்கு குறிப்பிட்டு, குறுக்கு, குறுக்கு, குறுக்கு - பல விளைவு விளக்கம் காரணம்
பதில்: B குறிப்பிட்டு

55. 'பரிசை' சார்ந்த தொகை தொகை விளக்கத்தில் பலம் விளக்கம் வெளியேற்றம்
பதில்: B பரிசையில் குறிப்பிட்டு

56. குறுக்கு குறிப்பிட்டு சர்ப்பப் பிறந்த
பதில்: C குறிப்பிட்டு
57. நீர்ப்பலகைகள் யுத்தத்தில் மகள் திம்மங்கள் நிகழ்த்தப்பட்டன.  
பிரிவு : A குறிப்பிட்டுத்

58. ................................ நீர்ப்பலகைகள் யுத்தத்தில் மகள் திம்மங்கள் நிகழ்த்தப்பட்டன நீட்டிக்கானார்.  
பிரிவு : B வாய்க்க வல்லலாடி

59. இனியது கிளியர் குடிக்கப்பட்டு, குழு கிளியர் பக்கக்கானும் ................. நீட்டிக்கான.  
பிரிவு : D குறிப்பிட்டு

60. “இயற்கை பாதை” கிளா அடுத்த குழுக்களுடன்
பிரிவு : A திருத்தலாடி

61. How the sentences can be combined correctly without changing the meaning? Raman has to complete his homework. He can't go out. The correct combination of sentences is.
Ans : C. Until after Raman has completed his homework, he can’t go out.

62. Identify the Correct word to fill in the given blank if I ...........rich, I would help the poor.
Ans : B. were

63. Identify the reported form of the given sentence: My friend said, “You must accept this gift”.
Ans : D. My friend insisted that I must accept that gift.

64. A personal letter could contain
Ans : C. any number of paragraphs

65. Identify the sentence that is grammatically correct:
Ans : A. He invited us to spend a few days with him.

Read the passage with blanks numbered. For each numbered blank four options are given after the passage. Identify the correct word to fill in each blank:
The young and the upwardly mobile generation of today has (66) aspirations (67) little patience. If the youngsters want a smartphone or an ipad, they usually don’ts think much before spending (68) such gadgets.
Sometimes such spending involves taking a personal loan or using the credit card and repaying (69) debt over the next few months or even ayear.

66. -- Ans : C. high
67. -- Ans : B. but
68. -- Ans : D. on
69. -- Ans : A. the

70. Choose the correct word to fill in the given blank.
Either Nila or Mala ..........present today.
Ans : A. is
72. The Words ‘need’ ‘dare’ and ‘used to’ are
   Ans : D. Modal auxiliaries

73. What does the following sentence mean? Gandhiji loved to be up with the lark.
   Ans : A. Gandhiji woke up early in the morning

74. Choose the right questioning tag:
   We put some money in the bank last week ….  
   Ans C. didn't we

75. The aim of teaching poetry is
   Ans : B. to help pupils to enjoy reading the poems

76. The teacher of English uses ‘pair-work’ in the classroom to
   Ans : C. Improve pupils’ communication skills.

77. Which is not a quality of good handwriting?
   Ans : D. Absence of uniformity in the size of the letters.

78. Reading a passage from the Supplementary Reader for enjoyment and expansion
   Ans : C. Extensive Reading

79. Identify the correct characteristic:
   Ans : B. Reliability

80. Remedial teaching involves
   Ans : C. teaching, testing and reteaching

81. The figure of speech that attributes life to inanimate objects or abstract qualities is
   Ans : B. Personification

82. Choose the correct sentence pattern of the given sentence:
   Ans : A. S + V + O + C

83. Identify the simple sentence for the given compound sentence:
   Ans : D. Having broken my ankle in a football match. I had to go to hospital.

84. Identify the correct anagram:
   Ans : C. melon – lemon

85. Identify the correct alphabetical order of the words in the box:
   Ans : D. recapture, receipt, recession, recipient, rectal.

86. Identify the correct passive voice for the given sentence:
   Ans : D. It is believed he cheated the government.

87. Identify the adjective form of the word honour
   Ans : A. honourable

88. Arrange the following jumbled words in the right order to form a meaningful sentence:
   Ans : C. Always remember that you can become big by thinking big.

89. Identify the correct comparative form of the given sentence:
   Chennai is one of the largest cities in India.
   Ans : B. Chennai is larger than most other cities in India.
90. Identify the correct compound word that contains ‘Verb + Noun’ :
   Ans : A. popcorn

91. The chemical messenger secreted by less number of cells in endocrine part of pancreas is
   Ans : C. Glucagon

92. ‘Mule’ is an example of
   Ans : D. Post – zygotic isolation.

93. The BMI of a person with a height of 6 feet is 21.6 hrs body weight in kilograms is
   Ans : A. 70

94. The invention of Dr. Ananda mohan chakraborty is associated with
   Ans : B. Bio – remediation

95. During mitotic phase of meiosis, the number of cells formed from each daughter cell is
   Ans : A. 2

96. Identify the correct form of food chain :

97. The pars of plant best suited for maintaining heterosis through generations are
   Ans : B. roots, leaves, stems

98. BOD is not the result of
   Ans : A. death of terrestrial animals

99. Chemical alarms signals released by an injured issue are
   Ans : A. Thymulins

100. Plants grow like bushes, when gardeners cut the shoot tips. This is due to
    Ans : B. removal of auxins present in apical buds

101. The number of moles of solute per kg of solvent is called
    Ans : D. Molality.

102. Which among the following has the lowest first ionization energy?

103. An alloy used in manufacturing Aircraft parts is
    Ans : C. Duralumin

104. According to Fajan’s rule polarization is high with
    Ans : B. small cation and large anion

105. The IUPAC name of CH₃-CH₂-C (CH₃) 2 – OH IS
    Ans : C. 2-methy1 – 2 pentanol

106. A light year is the unit of
    Ans : B. distance

107. The heart is pumping blood at x kg per unit time with constant velocity. The force needed is
    Ans : D. zero.

108. Which of the following bodies have the largest kinetic energy?
    Ans : C. Mass 2 m and speed 3u
109. Pressure at a point inside the liquid does not depend upon
   Ans: D. the shape of the container.

110. Find the odd one out: Ans: B. cotton

111. \[
    \frac{(67.542)^2 - (32.458)^2}{75.458 - 40.374}
\]
    Ans: C. 100

112. \[
    \frac{(13)^3 + (7)^3}{(13)^2 + (7)^2 - x} = 20
\]
    Ans: C. 91

113. The product of two numbers is 45 and the sum of their squares is 106. The numbers are
    Ans: B. 5 and 9

114. \[X = 5 + \frac{2}{6}, \text{ then } \frac{x-1}{x}\]
    Ans: wrong question

115. A scored 30% marks and failed by 15 marks. B scored 40% marks and obtained 35 marks more than that required to pass. The pass percentage is
    Ans: 33%

116. The unit’s digit in \((264)^{102} + (264)^{103}\)
    Ans: A. 0

117. Two – third of a consignment was sold at a profit of 5% and the remaining at a loss of 2% if the total profit was Rs. 400, then the value the consignment was
    Ans: C. Rs.15,000

118. The ratio of three numbers is 3:4:5 and the sum of their squares is 1250. The sum of the three numbers is
    Ans: C. 60

119. In how many years will a sum of money treble itself at 5% CI payable annually?
    Ans: B. 22 \(\frac{1}{2}\)

120. The perimeter of a circle is equal to the perimeter of a square. Then, their areas are in the ratio
    Ans: C. 14 : 11

121. In peripheral nervous system, the majority nerves are of …………………….. Type.
    Ans: C. mixed.

122. A man in the habit of consuming antibiotics indiscriminately is likely to suffer from the deficiency of
    Ans: B. Vitamin K
123. Identify the right path of blood flow among the chambers of human heart when blood comes from various parts of the body,
Ans: D. II, III, I, IV.

124. Curriculum is a tool in the hands of the artist to mould his material according to his ideal in his studio. ‘This is the definition of
Ans: D. Cunningham.

125. A good example for projecte teaching aid is
Ans: C. OHP

126. Which is not a feature of Cell doctrine?
Ans: C. All the cells are basically of the same shape and size

127. On the label of a soft drink bottle, it is written that the liquid content is “isotonic” it means
Ans: A. the concentration of the liquid content is equal to that of fluids in our cells.

128. Determination of age of a tree by counting the annual ring is
Ans: C. Dendrochronology

129. A student of class XI has observed the venations, phyllolaxy and inflorescence in plants at microlevel and enjoyed lot with the beauty and diversity in them, the value developed in the student is
Ans: B. aesthetic

130. On classifying the tools and techniques of evaluating, a good self-reporting technique is
Ans: A. Interview

131. Which of the following is optically active?
Ans: B. Lactic acid

132. Homolytic fission of C – C bond leads to
Ans: A. free radicals

133. In an adiabatic process
Ans: C. three is perfect heat insulation

134. Quantity of electricity transported in one second by a current of one ampere is
Ans: C. coulomb

135. The pH of 0.01 NHCl is nearly equal to
Ans: D. 2.0.

136. All magnetic material lose their magnetic properties when
Ans: D. strongly heated.
137. A frequency of a source is 10 kHz, the frequency of sound wave produced by it in water and in gas will be
   Ans. A. 10 kHz

138. A ray is incident at an angle 52 on a mirror. The angle between normal and reflected ray is
   Ans : B. 52

139. Metal pipes used to carry water sometimes burst in the winter because.
   Ans : B. water expands when it freezes

140. If a body is charged by rubbing it, its weight
   Ans : D. remains constant.

141. A man invest a certain sum of money at 6% p.a. S.I. and another sum at 7% p.a. S.I. His income from interest after 2 years was Rs. 354. One fourth of the first sum is equal to one fifth of the second sum. The total sum invested was.
   Ans : A. Rs. 2,700

142. A sum of money placed at C.I doubles itself in 5 years. It will amount to eight times itself at the same rate of interest in ............... Years.
   Ans. C. 15

143. The percentage increase in the area of rectangle, if each of its sides is increased by 20% is
   Ans : C. 44%

144. A sum of Rs. 312 was divided amongst 100 boys and girls in such a way that each boy gets Rs. 3-60 and each girl gets Rs. 2-40 the number of girls is
   Ans. B. 40

145. \[\frac{1}{9} - 8 - \frac{1}{8} - 7 + \frac{1}{7} - 6 - \frac{1}{6} - 5 + 1 - 5 - 4 = \]
   Ans : D. 5

146. If the perimeter of an isosceles right triangle is \((6+3/2)m\), then the area of the triangle is
   Ans : 4.5 m²

147. The greatest number that will divide 43, and 183 so as to leave the same remainder in each case is
   Ans : A. 4

148. If \(a + b + c = 13\), \(a^2 + b^2 + c^2 = 69\) then \(ab + bc + ca\) is
   Ans : B. 50

149. \(4^{61} + 4^{62} + 4^{63} + 4^{64}\) is divisible by
   Ans : B. 10

150. If \(x\) is positive and different from 1, then \(x + 1/x\) is
   Ans : C. \(> 2\)
91. The constitution of India came into force on
Ans. 26th January 1950

92. The term of the Legislative Assembly of Jammu and Kashmir is
Ans. A. 6 Years

93. Local self government was introduced by
Ans. A. Lord Ripon

94. In which year did the government announce the National population Policy
Ans. A. February 2000

95. Centrally administered areas are
Ans. A Cantonment boards

96. Which year is taken as the base year in India to estimate the national income at constant prices
Ans. A. 1993-94

97. Money is that which money does This is defined by
Ans. C. Walker

98. In which year was the National policy on Education formulated
Ans. B. 1986

99. The concept Division of Labour was introduced by
Ans. A. Adam smith

100. The duration of 11th five year plan is
Ans. A. 2007-2012
101. The river basins are .......... per cent of the total geographical area in the world.

Ans. C. 60

102. Water borne disease is

Ans. A. Cholera

103. The largest continent in the world is

Ans. B. Asia

104. Which planet is called a snowball

Ans. D. Pluto

105. Molten rock in underground is called

Ans. A. Magma

106. The floating micro organisms are normally known as

Ans. C. Plankton

107. The city developed with temple as its centre is

Ans. D. Madurai

108. The most important need for every industry is

Ans. A. fuel

109. Which type of structure describe weber theory of industrial location

Ans. C. Triangle

110. The trade that occurs within the limits of a country is called

Ans. A. internal trade

111. The pioneer to form Indian National flag was
112. The great social reformer from Kerala is

   Ans. A. Sree Narayana guru

113. Lotus symbolizes

   Ans. C. unity

114. Permanent standing army was organized by

   Ans. D. Alaudeen Khilji

115. A 1500 year old unrusted iron pillar is located

   Ans. A. mehrauli

116. Ellora was occupied by during A.D. 742

   Ans. C. Dandidurga

117. The greatest Telugu poet was

   Ans. D. Alurikuppana

118. The empire developed into an independent kingdom under Alivardi Khan was

   Ans. Bengal

119. The religion which reached the zenith after 6th century.

   Ans. A. Jainism

120. Ashokas messages inscribed on the rocks are written in

   Ans. B. Prakrit

121. The 4th Amendment act 1978 abolished

   Ans. A. right to property
122. Permanent number of members in the security council of the UNO is

Ans. B. 5

123. Human rights day is observed on

Ans. A. December.

124. India-2020- A vision for new millennium was written by

Ans. D. Abdul kalam

125. Republic Day is observed on

Ans. D. 26th January

126. Currency with the public is known as

Ans. A. M₁

127. There exists a direct relationship between

Ans. B. Price and Supply

128. Equilibrium price equalizes

Ans. A. Demand and supply

129. The changing agent of the society is

Ans. B. entrepreneur

130. Red tapism and corruption leads to

Ans. A In efficiency of production

131. Which is the simplest of all cycles

Ans D. Water cycle

132. How many layers does the atmosphere consist

Ans. A. 5
133. A Typical gyre displays
   Ans. B. four

134. The broadcasting earth ecosystem is
   Ans. D. atmosphere.

135. The highest plateau of the world is
   Ans. C. Tibet

136. ASEAN was established in
   Ans. C. 1967

137. The world communication revolution is considered as the
   Ans. C. third wave

138. The world’s first satellite was launched in
   Ans. C. 1957

139. The source of energy to the world is
   Ans. A. Sun

140. Air survey company is located in
   Ans. B. Kolkata

141. The scholars adorned the court of Krishnadevaraya
   Ans. A. Ashtadigajas

142. The sailor who came up to the southern most tip of Africa was
   Ans. D. Bartholomeu Diaz

143. The Kailasanatha temple built by Krishna I was at
   Ans. D. Ellora
144. The Zabti system was introduced by

Ans. A. Akbar

145. The sites of old stone age in India are

Ans. B. Attirampakkam

146. The last governor general and the first viceroy of India was

Ans. Ans. B. Lord Canning

147. Bharatanatyam came to be developed during the period of

Ans. A. Cholas.

148. The mother of Vardhamana was

Ans. D. trisala

149. The diamond throne was given to Lord Ranganatha at Sri Rangam by

Ans. A. Achutappa Nayak

150. Virapandiya Kattabomman became a Poligar in

Ans. B. 1790 A.D

Note: For any clarification regarding TET and TRB - PG,
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