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SAINIK SCHOOL
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25+ YEARS OF EXCELLENCE

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Direction (Q. No. 1 to 5)

Read the passage given below and answer the questions that follow.

Passage:

Mother Teresa came to India in 1929 to help the sick and the needy on the streets. She started her work in Kolkata and founded many organisations to help the poor. She received many awards in India and abroad for her selfless work. She was born on 27 August 1910 in Yugoslavia. Mother Teresa Came to India when she was only nineteen years old. She spent her entire life in Kolkata, a city also known as 'City of joy'. She brought hope and joy to many peoples' lives. She is known as a saint, because she worked tirelessly to help the people who were treated as outcasts, never fearing for her own safety or health. She gathered money to build houses for 260. WH them, and helped them to earn a living as well.

1. Kolkata is also known as:

- a) Pink City
- b) City of Joy
- c) City of Lakes
- d) City of Pearls

2. Which of the following words means the same as 'Tireless'?

- a) Lazy
- b) Slow
- c) Joyful
- d) Enthusiastic

3. Where was Mother Teresa born?

- a) Kolkata
- b) Hyderabad
- c) Germany
- d) Yugoslavia

4. When did Mother Teresa come to India?

- a) 1910
- b) 1929
- c) 1947
- d) 1931

5. What did Mother Teresa do in Kolkata?

- a) Helped the needy and the poor
- b) Worked tirelessly to expand her father's business
- c) Fought for India's freedom
- d) Became a saint

6. Feminine gender of "Bachelor"

- a) Bride
- b) Spinster
- c) Eve
- d) None

7. Feminine gender of "colt"

- a) Hen
- b) cat
- c) filly
- d) filth

8. Study of Birds is called

- a) Potrait
- b) Zoology
- c) Ornithology
- d) Geologist

9. Antonym of 'Barren'

- a) Natural
- b) ugly
- c) fertile
- d) Bored

10. Antonym of "Income"

- a) Outdoor
- b) Inept
- c) Increase
- d) Expenditure

11. Synonym of "Elevate"

- a) evaluation
- b) raise
- c) low
- d) evaluate

12. Synonym of "Tiny"

- a) small
- b) big
- c) near
- d) far

13. A Person who works with meta

- a) Baker
- b) metallic
- c) Black Smith
- d) Juggler

14. A ____ of mountains

- a) series
- b) range
- c) body
- d) row

15. A ____ of directors

- a) Group
- b) bunch
- c) board
- d) team

16. Give meaning for the Idiom

→ "Hue and cry"

- a) A good hug
- b) a crying person
- c) Agreat noise
- d) A cow music

17. In a nut shell

- a) Long
- b) In short
- c) Aggrevate
- d) Excel

18. Kashmir is a bone of ____ between India and Pakistan

- a) Hatred
- b) Contention
- c) Dispute
- d) Discord



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19. Choose the correctly spelt word___

- a) foriegn b) foreign
c) forign d) Forien

20. Find the wrongly Spelt word

- a) Victory b) Virteu
c) Violent d) Vice

21. Two letters / I

A B
/this morning/wrote

- C D
a) BCAD b) BDAC
c) BACD d) ABCD

22. To work /every day

A B
/ walks/ Liz
C D

- a) BDCA b) DCAB
c) ABCD d) BDAC

23. "Knowledge" is what part of Speech

- a) Common Noun
b) Abstract Noun
c) Collective Noun
d) None

24. He is so tired ___he cannot walk anymore

- a) To b) that
c) and d) but

25. Get me a bundle of papers

- a) Declarative
b) Imperative
c) Exclamatory
d) Interrogative

26. The snake slipped ___ the hole

- a) In b) on
c) Into d) upon

27. I worked in that Company___ two years

- a) of b) Till
c) for d) from

28. Geeta is going to her village___?

- a) Is she b) Isn't she
c) will she d) won't she

29. Tanvisha is not doing her home work

- a) Is she
b) Is n't She
c) Does she
d) Doesn't she

30. Haryana is a state in North India

- a) Declarative
b) Imperative
c) Exclamatory
d) Interrogative

31. Mahatma Gandhi went to England for Studies

- a) farther b) farthest
c) far d) further

32. I ___ teaching English for 8 years

- a) have been b) am
c) has been d) had

33. Don't oil your hair so much ___ you should spoil your hat.

- a) lest b) barely
c) hardly d) and

34. Don't play with fire

- a) Declarative
b) Interrogative
c) Imperative
d) Exclamatory

35. My brother hardly eats anything ___?

- a) did he
b) didn't he
c) does he
d) doesn't he

36. Write the Antonym of Shallow

- a) High b) Long
c) Wide d) Deep

37. Ayush Says that ___ wants to settle in London.

- a) it b) he
c) them d) his

38. What is the feminine gender of Host

- a) hosts b) heist
c)hostage d) hostess.

39. This is the boy _____ parents to have died

- a) whose b) who
c) whom d) his

40. My grandmother is 80 years old, but she _____ still read and write without glasses.

- a) can b) could
c) may d) might

41. This book _____ useful for all the Students.

- a) are b) is
c) was d) were.



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42. The money was distributed ____ the 2 brothers

- a) among b) on
c) in d) between

43. He will visit his grandparents for two weeks this summer

- a) adverb
b) Conjunction
c) noun
d) Pronoun

44. Choose the incorrect pair.

- a) aircraft-aircraft
b) man- men
c) Sheep-Sheeps
d) louse-lice

45. Which noun below is an uncountable nouns?

- a) biscuit b) burger
c) chocolate d) milk

46. She is a good artist. This painting is ____

- a) Their b) His
c) Hers d) Her

47. I don't ____ where she is going.

- a) Know b) knew
c) knowing d) none

48. Parents ____ take care of their children.

- a) couldn't b) shouldn't
c) mustn't d) ought to

49. Many years ago, there ____ two Maharaja.

- a) was b) is
c) were d) are

50. Find the word which is an adverb

He can remember her voice clearly.

- a) clearly b) he
c) remember d) her Voice

General Knowledge

51. Raw materials involved in the process of photosynthesis

- a) Carbon-di-Oxide
b) Water
c) Sunlight
d) All of the above

52. Which of the following animals respire through skin and lungs?

- a) fish
b) frog
c) snake
d) earthworm

53. Plants will not compete for the following:

- a) air b) water
c) minerals d) weather

54. Seeds of lotus dispers through

- a) birds b) animals
c) wind d) water

55. Rotation of crops retains

- a) soil profile
b) soil erosion
c) soil fertility
d) Humus

56. It is also called top soil.

- a) A-horizon
b) B-horizon
c) C-horizon
d) R-horizon

57. Rani stretched a rubber band. What does it represent?

- a) Chemical change
b) Physical change
c) both changes
d) No change

58. Identify the correct sentence.

- 1) Viruses are non-living things when they are outside
2) They behave like living when they are in the host cells
a) 1,2 correct
b) 1,2 are not correct
c) 1 is correct 2 is not
d) 1 is not 2 is correct

59. Which of the following disease cannot be prevented by vaccination?

- a) measles b) polio
c) swine flu d) Diabetes

60. Which of the following diseases are not carried by mosquitoes?

- a) Typhoid b) Cholera
c) Dysentery d) Cancer

61. In which year did Dr. Jonas Salk discovered vaccine for polio?

- a) 1954 b) 1952
c) 1942 d) 1950



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62. Find the mismatch

- a) Oviparous - birds
 - b) Metamorphosis – Tadpole to adult
 - c) External Fertilization – Fertilization outside the body
 - d) Viviparous – lay eggs.
- a) b b) a
c) d d) c

63. Choose the correct matching

- 1) tiger ()
 a) snake
- 2) Peacock ()
 b) nector
- 3) butterfly () c) goat
- a) 1-a, 2-c, 3-b
b) 1-c, 2-b, 3-a
c) 1-b, 2-c, 3-a
d) 1-c, 2-a, 3-b

64. The method of dispersing seeds by sprinkling is called ___

- a) Sprouting
- b) broadcasting
- c) Sowing
- d) leveling

65. Which means of water resources are used minimum by farmers?

- a) wells
- b) Municipal Water
- c) Ground water
- d) Drip irrigation

66. This is a dangerous practice:

- a) Farming in the desert
- b) Farming among houses
- c) Harvesting in the desert
- d) Harvesting on the roads.

67. Breathing polluted air causes diseases of the

- a) digestive system
- b) Circulatory System
- c) Nervous System
- d) Respiratory System

68. The part of the body affected by “meningitis”:

- a) liver b) brain
- c) lungs d) blood

69. Diseases do not spread through this:

- a) Water
- b) air
- c) death of patient
- d) direct contact

70. The vector commonly seen in your surroundings?

- a) housefly
- b) mosquito
- c) elephant
- d) A & B

71. The step to be taken to prevent the Polio disease permanently.

- a) Cleaning the surroundings
- b) Vaccination
- c) use of drugs
- d) destroying microbes

72. Which of the following is the vaccine for TB?

- a) BCG b) DTP
- c) HPV d)MMR

73. Kaziranga National Park is in which state?

- a) Odisha
- b) Assam
- c) Gujarat
- d) Karnataka

74. Dead sea is in ___ continent.

- a) Australia b) Africa
- c) Asia d) Europe

75. Skull is made up of ___ bones.

- a) 22 b) 40
- c) 30 d) 42

76. Which river’s Tributary is the Tawa River?

- a) Tapi b) Chambal
- c) Yamuna d) Narmada

77. What is the national language of Bhutan called?

- a) Tshanglakha
- b) Dzongkha
- c) Khengkha
- d) Lhotshamkha

78. Which Indian state produces maximum coffee?

- a)Maharashtra
- b) Kerala
- c) Tamilnadu
- d) Karnataka

79. PipliGhat pass is located in which mountain area?

- a) Aravali Ranges
- b) Eastern Ghats
- c) Western Ghats
- d) Vindhyaachal

80. What was lord mahavira’s name prior to acquiring knowledge?

- a) Somdutt
- b) Vardhman
- c) Anshuman
- d) Sudhakar



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81. Which art flourished to great extent during the sultanate period?

- a) Architecture
- b) Dance
- c) Music
- d) Painting

82. In which country are the Black Hill, Blue Hill and Green Hill located?

- a) USA
- b) Russia
- c) Australia
- d) Germany

83. On which topics are the Upanishad's based

- a) yoga
- b) law
- c) Philosophy
- d) Religion

84. The Ramakrishna Mission in Belur was established in which year?

- a) 1890
- b) 1897
- c) 1901
- d) 1885

85. With which musical instrument is Pannalal Ghosh related?

- a) Sarod
- b) Flute
- c) Shehnai
- d) Mridangam

86. Mount Pedro or Pidurutalagala is the highest mountain Peak of

- a) Srilanka
- b) Cambodia
- c) Panama
- d) South Africa

87. Which is the largest state in India (area wise)?

- a) Maharastra
- b) Andhra Pradesh
- c) Madhya Pradesh
- d) Rajasthan

88. Which state is regarded as the spice Garden of India?

- a) Himachal Pradesh
- b) Rajasthan
- c) Kerala
- d) Andhra Pradesh

89. When did the constitution of India come into Force?

- a) 26th January
- b) 15th August 1947
- c) 15th August 1951
- d) 26th January 1950

90. The third largest populated country after china and India is ____

- a) USA
- b) Bangladesh
- c) Japan
- d) Indonesia

91. Tidal Forests are also called as ____

- a) Evergreen Forest
- b) Monsoon forest
- c) Mangrove Forest
- d) coniferous forest

92. Neeraj Chopra is associated with which sport

- a) Cricket
- b) Javeline Throw
- c) Wrestling
- d) Boxing

93. Christopher Columbus who discovered America belonged to which country?

- a) Greece
- b) Holland
- c) Portugal
- d) Italy

94. Who introduced the Mansabdari System in the Mughal Empire?

- a) Jahangir
- b) Babur
- c) Akbar
- d) Shahjahan

95. Northern part of Western Coast is known as

- a) Malabar Coast
- b) Konkan Coast
- c) Coromandal Coast
- d) Northern Coast

96. Khasi and Garo are which state language

- a) Assam
- b) Tripura
- c) Manipur
- d) Meghalaya

97. Which Himalayan Peak is also called Sagarmatha ?

- a) Nanda Parbat
- b) Mt. Everest
- c) Kanchenjunga
- d) Dhaulagiri

98. National River of India is ____

- a) Krishna
- b) Godavari
- c) Ganga
- d) Narmada



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99. Who called Mahatma Gandhi a half-Naked Fakir?

- a) Lord wavell
- b) Winston Church hill
- c) SukumarSen
- d) Clinton

100. Rinku Singh is associated with which Sport?

- a) Football
- b) Tennis
- c) Cricket
- d) Badminton

Intelligence Test

101. Find the wrong number in the following series: 2, 6, 11, 17, 23, 32, 41?

- a) 6
- b) 17
- c) 23
- d) 32

102. $P + Q = 50$ and $P - Q = 20$ then $P \times Q = ?$

- a) 465
- b) 375
- c) 550
- d) 525

103. If P is the brother of the son of Q's Son. How is P related to Q?

- a) Son
- b) Brother
- c) Cousin
- d) Grand son

104. $E/L:5/12::X/T:?$

- a) $\frac{6}{18}$
- b) $\frac{9}{20}$
- c) $\frac{24}{20}$
- d) $\frac{10}{18}$

105. Arrange the words given below in a meaningful sequence:

- 1. Nation 2. Village
- 3. City 4. District 5. State
- a) 2, 3, 4, 5, 1
- b) 2, 3, 4, 1, 5
- c) 1, 3, 5, 4, 2
- d) 1, 2, 3, 4, 5

106. Arrange the words given below in a meaningful sequence:

- 1. Dish 2. Cutting
- 3. Cooking 4. Vegetable
- 5. Market
- a) 5, 4, 3, 2, 1
- b) 5, 4, 2, 3, 1
- c) 5, 4, 1, 2, 3
- d) 1, 3, 5, 2, 4

107. Choose different word from the following:

- a) Sweater
- b) Shirt
- c) Trouser
- d) Jacket

108. Choose different word from the following:

- a) Rose
- b) Marigold
- c) Lily
- d) Banana

109. In a certain code;

- 'GRASP' is coded as 'BMVNK', which word would be coded as 'CRANE'?
- a) FUDQH
- b) HWFST
- c) GVERI
- d) XMVIZ

110. In a certain code, 'SPIDER' is written as 'PSDIRE'. How will be 'COMMON' written in that code?

- a) OCOMMO
- b) OCMMNO
- c) OCMOMN
- d) OCMMON

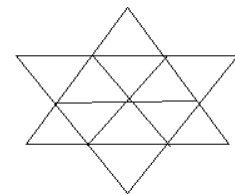
111. 8: 9:: 60:?

- a) 89
- b) 4
- c) 65
- d) 72

112. Rita ranks 19th in a class of 40 students. What is her rank from the last?

- a) 21
- b) 22
- c) 19
- d) 20

113. Find the number of triangles in the following figure?



- a) 20
- b) 25
- c) 18
- d) 15

114. Choose the alternative that will continue the number series below: 5, 11, 17, 23,?

- a) 31
- b) 29
- c) 28
- d) 35

115. Choose the word which is least like the other words in the group:

- a) BAKE
- b) PEEL
- c) FRY
- d) ROAST



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116. If STATEMENT is coded as TNMETATS then POLITICAL will be coded as
a) LACITILOP
b) LCATILIOIP
c) OPILITACL
d) LACITIPOL

117. If 'A' means add, 'B' means subtract, 'C' means multiply and 'D' means divide, then what would be the answer of the equation?
15 D 5 C 2 A 3 =
a) 13 b) 11
c) 03 d) 09





118. Choose the alternative that has the same relationship to 16 as 12 has with 168:
12: 168:: 16:?
a) 232 b) 256
c) 224 d) 208

119. If in a certain code DEAF is written as 3587 and FILE is written as 7465 then IDEAL will be written as?
a) 43568 b) 43586
c) 63548 d) 48536

120. Choose the word which is least like the other words In the group:
a) PLASTIC b) WOOL
c) PAPER d) WOOD

121. Choose the alternative that will continue the number series below:
11, 13, 17, 19, 23, 25,?
a) 27 b) 29
c) 31 d) 33

122. Choose the correct alternative that has the same relation to BMJ as HSY is to EPV:
BMJ:?: EPV: HSY
a) DRM b) YJG
c) EPM d) EON

123. Which of the following diagrams indicates the best relation between Flower, Lotus and Rose?
a)  b) 
c)  d) 

124. If X the brother of the son of Y's son, how is X related to Y?
a) Son b) Brother
c) Grandson d) Cousin

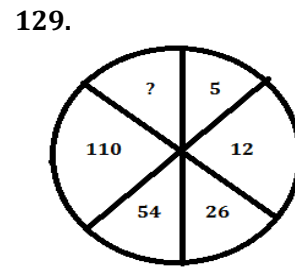
125. If in certain code MBS is coded as ODU then BRL will be coded as?
a) DTN b) DUN
c) CSM d) CTN

Direction (Q126-Q127): In the following question a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
126. 2, 3, 6, 7, 14, 15,?
a) 16 b) 30
c) 31 d) 32

127. STU, WXY, ABC, _____?
a) DEF b) EPG
c) FCG d) EGF

Direction (Q128-Q129): In the following question, select the missing number from the given responses.

128. 5 25 5
 7 49 7
 6 ? 6
a) 38 b) 40
c) 36 d) 35



a) 132 b) 122
c) 222 d) 212

130. If SEASONAL is written as ESSANOLA, how can SEPARATE be written in that code?
a) SEAPARET
b) ESPARATE
c) ESPAARTE
d) ESAPARET

131. If FLATTER is coded as 7238859 and MOTHER is coded as 468159, then how is MAMMOTH coded?
a) 4344681
b) 4344651
c) 4146481
d) 4346481



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132. Arrange the following words according to the dictionary order?

1. Banquet 2. Bangle
3. Bandage 4. Bantam
5. Bank
a) 3, 2, 4, 5, 1
b) 3, 5, 2, 1, 4
c) 3, 2, 1, 5, 4
d) 3, 2, 5, 1, 4

133. From the given alternatives select the word which cannot be formed using the letters of the given word.

REASONABLE

- a) NOBLE b) BONES
c) BRAIN d) ARSON

134. Select the related word from the given alternatives.

Square : Cube :: Circle:?

- a) Ellipse b) Parabola
c) Cone d) Sphere

Direction (Q135-Q136): In the following question a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

135. AZ, CX, FU, _____

- a) IR b) IV
c) JQ d) KP

136. 3F, 6G, 11I, 18L, _____

- a) 21O b) 25N
c) 27P d) 27Q

137. If the word LEADER is coded as 20-13- 9- 12- 13-26, how would you write LIGHT?

- a) 20-15-16-18-23
b) 20-17-15-16-28
c) 20-16-15-17-22
d) 20-16-17-15-27

138. In a line, Naresh is 17th from the left & 22nd from the right. How many students are there in the line?

- a) 40 b) 38
c) 39 d) 37

139. If ‘-’, denotes ‘+’, ‘+’ denotes ‘×’, ‘÷’ denotes ‘×’, ‘×’ denotes ‘÷’ then $27 \times 3 + 6 \times 9 - 8 = ?$

- a) 35 b) 14
c) 15 d) 14.5

140. Select the word which CANNOT be formed using the letters of the given word.

PRINTINGS

- a) SAINT b) PRINT
c) STING d) RINGS

141. Find the missing number in the following series:

- 1, 9, 25, 49, ?, 121
a) 64 b) 81
c) 91 d) 100

142. Which number replaces the question mark?

9	6	8
2	3	2
5	4	7
47	27	?

- a) 52 b) 58
c) 62 d) 56

143. In a certain code language, “Tap” is written as “39” and “LAP” is written as “31”. How is “MAT” written in that code language?

- a) 36 b) 38
c) 42 d) 30

144. In the number series given below, one term is wrong. Find out the wrong term.

4, 10, 22, 46, 96, 190, 382

- a) 4 b) 10
c) 96 d) 382

Direction (Q145-Q146):

Select the related word/number from the given alternatives.

ANALOGY

145. Length : Metre :: Power: ?

- a) Calories b) Degree
c) Watt d) Kilogram

146. 7:56::9:?

- a) 63 b) 81
c) 90 d) 99



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147. Select the related word from the given alternatives:

Knife : Cut :: Rubber:?

- a) White b) Soft
c) Erase d) Elastic

148. Pick the odd one out amongst the following:

- a) Pink b) Green
c) Indigo d) Violet

149. In a certain code language, "FUME" is written as "43" and "TRAP" is written as "53". How is "RIMP" written in that code language?

- a) 49 b) 54
c) 58 d) 56

150. If \times means $+$, $+$ means \div , $-$ means \times and \div means $-$, then find value of $11 \times \times 2 - 12 + 2 \div 7 = \underline{\hspace{1cm}}?$

- a) 20 b) 16
c) 23 d) 25

MATHEMATICS

151. Convert $\frac{438}{17}$ into mixed fraction.

- a) $25\frac{13}{17}$ b) $15\frac{7}{17}$
c) $16\frac{8}{17}$ d) $21\frac{14}{17}$

152. Simplify:-

$$0.081 \div 0.09 \times 0.3 + 0.0057 - 0.02$$

- a) 0.2527
b) 0.2557
c) 0.5227
d) 0.5257

153. Which of the following is greatest?

- a) $\frac{3}{8}$ b) $\frac{5}{11}$
c) $\frac{4}{9}$ d) $\frac{2}{7}$

154. Which of the following is common multiple of 8, 9 and 12?

- a) 120 b) 156
c) 180 d) 216

155. Find the value of x

$$247 + x + 128 - 97 = 545 + 218 - 376$$

- a) 109 b) 129
c) 214 d) 198

156. The ratio between two numbers is 3:5. If their LCM is 60 then find their HCF.

- a) 1 b) 4
c) 2 d) 5

157. The prime factors of 28 are.

- a) 1, 4, 7, 28
b) 2, 7
c) 2, 4, 7
d) 1, 2, 4, 7, 28

158. Find the value of 30% of 2.5% of 1280

- a) 8.4 b) 7.2
c) 9.6 d) 11.5

159. The price of an article is first increased by 20% and then decreased by 10% what is the net change in the price.

- a) 8% profit
b) 10% profit
c) 10% Loss
d) 8% Loss

160. The value of x is

$$\sqrt{2116} + x = \sqrt{2601}$$

- a) 5 b) 15
c) 25 d) 8

161. Convert 5km into cm.

- a) 5000 b) 5,00,000
c) 50000 d) 500

162. Find the mean proportion of 36 and 121.

- a) 50 b) 66
c) 48 d) 90

163. The average of 33, 44, 36, x , 32, 34 is 35 then find the value of x .

- a) 33 b) 35
c) 32 d) 31

164. Write Twenty Four Crore Thirty Lakh Forty Two Thousand Seventy Nine in digits.

- a) 24,03,42,790
b) 24,03,42,709
c) 24,03,42,079
d) 24,30,42,079

165. The greatest number that divides 120,140 and 200 exactly is _____

- a) 5 b) 10
c) 6 d) 20



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166. Name the triangle which is having two equal sides.

- a) Scalene
- b) Right angle Triangle
- c) Equilateral
- d) Isosceles Triangle

167. Convert 5 months 24 days

- a) 156 days
- b) 150 days
- c) 189 days
- d) 174 days

168. Calculate the rate of interest. If the interest earned on Rs.20000/- for 4 $\frac{1}{2}$ years is Rs.18000/-.

- a) 12.5%
- b) 10%
- c) 18%
- d) 20%

169. Find the speed of a car which covered a distance of 250kms in 4 hours.

- a) 72kmph
- b) 62.5kmph
- c) 57.5kmph
- d) 80kmph.

170. The equivalent fraction of $\frac{5}{9}$ with denominator 63 is

- a) $\frac{21}{63}$
- b) $\frac{25}{63}$
- c) $\frac{35}{63}$
- d) $\frac{15}{63}$

171. How many seconds are there in $2\frac{1}{2}$ hours.?

- a) 300
- b) 9000
- c) 1800
- d) 5000

172. The ratio between the ages of A and B is 2:7. If their sum of ages is 54yrs. Find the Age of C, who is 10 yrs elder to A.

- a) 12 yrs
- b) 42 yrs
- c) 22yr
- d) 52 yrs

173. How many bricks are required to construct a wall of 8m by 5m with brick of size 4cm by 2.5cm?

- a) 18000
- b) 40000
- c) 2000
- d) None

174. The area of a square field is 576m^2 then find its perimeter.

- a) 120m
- b) 24m
- c) 112
- d) 96m

175. The product of two numbers is 2976. If one number is 62, then find the other number.

- a) 44
- b) 48
- c) 60
- d) 52

176. $90\text{kmph} =$ _____ m/sec

- a) 25m/sec
- b) 15 m/sec
- c) 36m/sec
- d) 18 m/sec

177. The volume of a cube is 2197m^3 then find the length of its side.

- a) 17m
- b) 19m
- c) 15m
- d) 13m

178. Which of the following is proper fraction?

- a) $\frac{11}{7}$
- b) $\frac{12}{13}$
- c) $\frac{21}{9}$
- d) $\frac{45}{811}$

179. An article is sold for Rs.1280/- and incurred a loss of 20%. Find its cost price.

- a) Rs.1320/-
- b) Rs.1436/-
- c) Rs.1500/-
- d) Rs.1536/-

180. Profit (or) loss percentage is always calculated on

- a) Selling Price
- b) Cost Price
- c) Charges
- d) All of these

181. Find the Length of a train (in m) which crosses a platform of length 480m at a speed of 60m/sec in 15sec.

- a) 380m
- b) 500m
- c) 400m
- d) 420m

182. Simplify: -

$$152 - [120 + \{24 \div 3 \times 2 - 60 \div 5 \times 2\} - 40]$$

- a) 75
- b) 80
- c) 60
- d) 112

183. Arrange 0.587, 0.058, 58.7, 5.87 in ascending order

- a) 58.7, 0.587, 0.058, 5.87
- b) 0.587, 5.87, 0.058, 58.7
- c) 0.058, 0.587, 5.87, 58.7
- d) None of these

184. Write prime factorization of 120.

- a) $2 \times 3 \times 5$
- b) $2 \times 2 \times 2 \times 3 \times 5$
- c) $2 \times 2 \times 5 \times 7$
- d) $2 \times 3 \times 3 \times 5$



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185. Simplify:-

$$\frac{3}{4} \text{ of } \frac{5}{6} \div \frac{20}{24} + \left[\frac{1}{4} + \frac{2}{8} - \frac{3}{7} \right]$$

a) $\frac{13}{18}$ b) $\frac{23}{28}$
c) $\frac{21}{27}$ d) $\frac{19}{36}$

186. Roman Numeral for 126 is

- a) CXVI b) CLXVI
c) CXLVI d) CXXVI

187. 14:18 in percentage is equal to

- a) $130\frac{5}{7}\%$ b) $125\frac{1}{4}\%$
c) $77\frac{7}{9}\%$ d) $116\frac{2}{3}\%$

188. Find the area of equilateral triangle whose side is 8cm.

- a) $64\sqrt{3}\text{cm}^2$
b) $16\sqrt{3}\text{cm}^2$
c) $15\sqrt{3}\text{cm}^2$
d) $18\sqrt{3}\text{cm}^2$

189. The cost of 21 books is Rs.1680/- then how many books can we buy with Rs.800/-

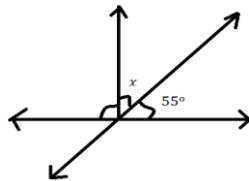
- a) 16 b) 10
c) 20 d) 18

190. Find the value of

$$\frac{a \times (b-c)}{a+b-c} \text{ if } a = 5, b = 3 \text{ and } c = 2$$

- a) $\frac{4}{9}$ b) $\frac{5}{6}$ c) $\frac{3}{8}$ d) $\frac{7}{9}$

191. Find the value of x in the following figure.



- a) 35° b) 37°
c) 25° d) 55°

192. Form the greatest even number that can be formed by 4, 0, 6, 8, 7.

- a) 84670
b) 87640
c) 86740
d) 80476

193. 50% of 680 – 25% of 400 + 20% of 180 =

- a) 376 b) 676
c) 276 d) 576+

194. The decimal form of $\frac{5}{8}$ is ____

- a) 0.55 b) 0.315
c) 0.254 d) 0.625

195. The difference of face values of 9 and 7 in the number 68972 is

- a) 907 b) 2
c) 830 d) 63

196. 1 million = ____ thousands

- a) 10000
b) 1000
c) 100
d) None of these

197. Which of the following is composite number?

- a) 197 b) 216
c) 131 d) 151

198. The sum of greatest 4-digits number and smallest 5 -digits number is

- a) 9999 b) 19999
c) 10000 d) 10999

199. The value of $240 + 360 - 180 + 140 - 200 =$

- a) 360 b) 180
c) 240 d) 320

200. Which of the following are common factors of 18 and 30?

- a) 6 b) 8
c) 4 d) 15



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