1. RMS CET – 2018

Section A – (ENGLISH)

1. Identify the correct parts of speech of the underlined word:

1. Columbus <u>discovered</u> America.
(a) noun (b) adjective
(c) verb (d) adverb

2. <u>Janet</u> is the tallest of the four sisters.
(a) preposition (b) verb
(c) noun (d) pronoun

3. I am the happiest mother <u>in</u> the world.
(a) noun (b) pronoun
(c) adverb (d) preposition

4. This is the <u>best</u> dictionary I could find.
(a) adjective (b) verb
(c) preposition (d) noun

5. Atchara is a <u>small</u> village
(a) adverb (b) adjective
(c) verb (d) pronoun

2. Fill in the blanks with appropriate word:

6. We went out_____ of the rain.
(a) in spite of (b) even so
(c) although (d) because

7. She _____ hardly believe her eyes.
(a) could (b) couldn't
(c) has (d) had

8. She can get a better job if she _____ in English.
(a) spoke (b) Speaks
(c) will spoken (d) spoken

9. They finished work _____ sunset.
(a) at (b) beyond
(c) in (d) during

10. One should never stop _____ even after repeated failures.
(a) try (b) trying
(c) tried (d) to try

3. Rearrange the following in a sequence to form meaningful sentences:

11. Cannot / achieve / he/ wealth and fortune / works / unless / hard /he
(a) Cannot achieve he wealth and fortune unless he works hard
(b) He cannot achieve wealth and fortune unless he works hard
(c) He cannot achieve unless wealth and fortune he works hard
(d) He cannot achieve wealth, fortune and he works hard unless

12. talking / to a group / while I should / one / self-confident / and / courageous / feel
(a) Talking to a group, while one should feel self-confident and courageous
(b) Talking to a group, one should feel self-confident and courageous while
(c) While talking to a group, one should feel self-confident and courageous
d. While talking to a group should feel one self-confident and courageous

13. parts / many / coffee / popular / in / world / the / is very of
(a) Very popular is the world of coffee in many parts
(b) Coffee in many very parts of the world is popular
(c) In the world of many parts coffee is very popular
(d) Coffee is very popular in many parts of the world

14. I / read / paper / in / the burglar / been / caught / had / the / that
(a) In the paper I read that the burglar had been caught

(b) I read in the paper that the burglar had been caught
(c) The burglar had been caught that I read in the paper
(d) I read that the burglar had been caught in the paper

15. our / though / ancestors / anything / that / moved / which / itself / alive / was
(a) Our ancestors though that anything which moved itself was alive
(b) Thought our ancestors anything that which moved alive was itself
(c) Our ancestors that thought anything which moved itself was alive
(d) Our ancestors that thought anything moved which itself was alive

4. Complete the following passage by choosing the correct option from those given in brackets:

When I _____(16) home from school, I found that my mother _____(17) in kitchen and my younger sister was playing _____(18) her friends in the verandah. In my room, all the books were lying scattered on the floor. I was definitely very annoyed. I asked my sister If she entered the room in my absence. She said that she was looking _____(19) some colourful pictures for her scrap file and _____(20) searching through the books they fell down one by one.

16. (a) return (b) returned
(c) returns (d) returning
17. (a) was (b) were
(c) is (d) has
18. (a) of (b) by
(c) with (d) from
19. (a) for (b) with
(c) from (d) to
20. (a) so (b) because
(c) yet (d) while

5. Choose the opposite word of the following:

21. Companion
(a) Foe (b) Friend
(c) Comrade (d) Accomplice
22. Attachment
(a) Connection (b) Adapter
(c) Bond (d) Aversion
23. Increase
(a) Merger (b) Elaboration
(c) Decrease (d) Increment
24. Extension
(a) Expansion (b) Contraction
(c) Elongation (d) Distension
25. Declare
(a) Conceal (b) Announce
(c) Proclaim (d) Reveal

6. Choose the correct meaning of the idioms / Proverbs given below:

26. To bury the hatchet
(a) To raise a dispute with someone
(b) To make agriculture as one's profession
(c) To forget old disputes and start new relations
(d) To make irrelevant remarks about someone
27. To smell a rat
(a) to see signs of plague epidemic
(b) To get bad smell of dead rat
(c) To suspect foul dealings
(d) To be in a bad mood
28. The pen is mightier than sword
(a) Words and ideas are more effective
(b) Pen can write but sword cannot
(c) All use pen not sword
(d) You can convince people with sword
29. Make waves

(a) Putting on costly clothes
(b) Travelling by air
(c) Growing fatter
(d) Causes wide impact on a group

30. Yes man
(a) Complete man
(b) Fierce man
(c) Flattering person
(d) Excellent person

7. Choose the word which best expresses the meaning of the given words:

31. Obligatory
(a) Obscure (b) Sad
(c) Revolt (d) Necessary

32. Fascinated
(a) Mesmerized (b) Bored
(c) Disinterested (d) Repulsed

33. Unique
(a) Matchless (b) Unyielding
(c) Search (d) Serene

34. Moderate
(a) Biased (b) Balanced
(c) Intolerable (d) Excessive

35. Meticulously
(a) Carefully (b) Negligent
(c) Legible (d) Careless

8. Choose the correct spelling:

36. (a) Febrary (b) Februry
(c) February (d) Febraree

37. (a) Civilized (b) Civilced
(c) Civalized (d) Sivilized

38. (a) Categary (b) Category
(c) Category (d) Catagary

39. (a) Imediately (b) Immadietly
(c) Immedietly (d) Immediate

40. (a) Seenery (b) Sceneri
(c) Scenary (d) Scenery

9. Give one word for the following:

41. Handwriting that cannot be read
(a) inimitable (b) illiterate
(c) illegible (d) legible

42. A study of words
(a) archaeology (b) biology
(c) zoology (d) ornithology

43. A thing that cannot be seen by the human eyes
(a) invisible (b) invincible
(c) infectious (d) ineffective

44. That cannot be believed
(a) incurable (b) inevitable
(c) incredible (d) indescribable

45. Person with limited skill
(a) amateur (b) audience
(c) astrologer (d) amnesty

10. Read the passage carefully and answers the questions that follow:

The word is going ahead at a tremendous speed. But all this progress will be shattered if we do not secure peace. Scientific inventions and advancement of technological knowledge have brought the world closer. If one country suffers, all will suffer to some extent. We have become inter-responsible. This has brought about the necessity of international relationship. People should understand that all human beings are brothers. The narrow bounds of nationalism and patriotism have to be shed. Unless we understand the lesson of 'live and let live' we stand on our last legs. If another war breaks out, it will destroy the entire race of humanity. If we establish love and sympathy, goodwill and happiness among ourselves, we can still save the world from destruction. 'Live and let live' is a sound religion. From Gautam Buddha to Mahatma Gandhi, a number of great persons have pleaded for this mutual love and brotherly feelings. We are

the inter-dependent children of the same Father in heaven. We should, therefore, live in peace. This is the only way by which we can go along the road to progress.

46. All our progress will be destroyed if we
(a) kill terrorists
(b) nourish ill will
(c) slaughter animals
(d) fail to establish peace

47. Scientific progress has made it necessary
(a) to have national relationship
(b) to have feelings of enmity
(c) to have international relationship
(d) none of the above

48. The whole of mankind will be destroyed if
(a) epidemic breaks out
(b) panic starts
(c) war breaks out
(d) world war is stopped

49. 'Live and let live' is
(a) a wrong principle
(b) a sound religion
(c) to be avoided
(d) only a theoretical concept

50. God implies
(a) father of heaven
(b) ruler of hell
(c) devil
(d) unknown

Section – B (General Knowledge)

51. Which of the following train runs between New Delhi and Wagah?
(a) Shatabdi Express
(b) Thar Express
(c) Maitree
(d) Samjhauta Express

52. Blood fails to clot while flowing in the blood vessel because of the presence of
(a) Heparin
(b) Prothrombin
(c) Hemoglobin
(d) Hirudin

53. Who is the first Indian woman to win an Asian games gold medal in 400 m run?
(a) P.T. Usha
(b) K. Malleshwari
(c) Kamaljit Sandhu
(d) M. Valasmma

54. Which of the following rulers were contemporary of Buddha?
(a) Bimbisar of Magadha
(b) Prasanjit of Kosala
(c) Udayan of Avanti
(d) All of the above

55. The canal which links Atlantic Ocean with Pacific Ocean
(a) Suez
(b) Malacca
(c) Panama
(d) Gibralter

56. The largest delta of the world is
(a) Sunderbans
(b) Amazon Basin
(c) Greenland
(d) Congo Basin

57. Widal test is used for the diagnosis of
(a) Salmonellosis
(b) Malaria
(c) Cholera
(d) Typhoid

58. Which of the following is the tallest building in the world?
(a) Eiffel Tower
(b) Burj Khalifa
(c) Statue of Liberty
(d) Qutab Minar

59. Which fruit has the maximum protein content?

(a) Mango
(b) Apricot
(c) Banana
(d) Avocado

60. Who proposed 'Green House Effect' in 1824?
(a) Arrhenius
(b) Joseph Fourier
(c) Svensmark
(d) Hendry

61. In which year did Sir Edmund Hillary reach the summit of Mount Everest?
(a) 1952
(b) 1953
(c) 1954
(d) 1955

62. Fathometer is used to measure
(a) Earthquakes
(b) Rainfall
(c) Ocean Depth
(d) Sound Intensity

63. Who introduced "Subsidiary Alliance" policy in India?
(a) Lord William Bentinck
(b) Lord Auckland
(c) Lord Wellesley
(d) Lord Dalhousie

64. What is the name of the longest dam in India?
(a) Tehri dam
(b) Sardarsarovar dam
(c) Hirakund dam
(d) Alamatti dam

65. In which city Feroz Shah Kotla Cricket ground is situated?
(a) Mumbai
(b) Ranchi
(c) New Delhi
(d) Ahmedabad

66. What is the correct sequence of the rivers – Godavari, Mahanadi, Narmada, and Tapti in the descending order of their lengths?
(a) Godavari --- Mahanadi---Narmada---Tapti
(b) Godavari--- Narmada---Mahanadi---Tapti
(c) Narmada --- Godavari --- Tapti --- Mahanadi
(d) Narmada --- Tapti --- Godavari --- Mahanadi

67. Who has won the men's singles French Open Tennis Tournament 2018?
(a) Novak Djokovic
(b) Roger Federer
(c) Dominic Thiem
(d) Rafael Nadal

68. What is the vehicle of God 'India'?
(a) Airavat
(b) Garud
(c) Nandi
(d) Owl

69. Which state is known as the 'Rice Bowl of Indra'?
(a) Tamil Nadu
(b) Kerala
(c) Karnataka
(d) Andhra Pradesh

70. Name the author of the book 'Godan'.
(a) Har Dev
(b) Munshi Prem Chand
(c) Jai Dev
(d) Ram Dev

71. Which of the following is the headquarters of World Trade Organisations (WTO)
(a) New York
(b) Geneva
(c) Madrid

(d) Paris

72. Which of the following dance is a solo dance?
(a) Kuchipudi
(b) Yakshagan
(c) Odissi
(d) Ottenthullal

73. In which stadium was the first edition of the Khelo India School Games (KISG) inaugurated
(a) Sardar Patel, Motera
(b) Indira Gandhi Indoor, New Delhi
(c) Salt Lake Stadium, Kolkata
(d) Kaloor International, Kochi

74. The brain fever which affects young children is _____
(a) Malaria
(b) Typhoid
(c) Encephalitis
(d) Pneumonia

75. Which is the Highest Mountain peak of Himalayas in India?
(a) K-2
(b) Kanchenjanga
(c) Namcha Barwa
(d) Nanda Devi

76. The smallest state of India is
(a) Rajasthan
(b) Sikkim
(c) Himachal Pradesh
(d) Goa

77. What is the minimum age required to become the member of Rajya Sabha?
(a) 25 years
(b) 30 years
(c) 35 years
(d) 40 years

78. Which two countries played the final of Soccer World Cup 2018?
(a) Spain-Portugal
(b) France-Croatia
(c) Argentina-Spain
(d) Russia-Brazil

79. Where will the next Summer Olympic Games 2020 take place?
(a) Brazil
(b) Japan
(c) Mexico
(d) Australia

80. The Netaji Subhas National Institute of Sports is located at
(a) Bangaluru
(b) Kolkata
(c) Darjeeling
(d) Patiala

81. Give the equivalent rank of Colonel of Army in Indian Navy
(a) Commander
(b) Captain
(c) Group Captain
(d) Commodore

82. In a human body the longest bone is in the ……
(a) Vertebral Column
(b) Radius Ulna
(c) Rib Cage
(d) Femur

83. Name the largest fresh water lake in the world
(a) Lake Baikal
(b) Lake Chika
(c) Lake Titicaca
(d) Caspian Sea

84. Which is the smallest planet of our solar system?
(a) Earth
(b) Mercury
(c) Venus
(d) Saturn

85. Who is the first awardee to get Paramvir Chakra?
(a) Hav Jogender Singh
(b) Sqn Ldr Rakesh Sharma
(c) Captain Vikram Batra
(d) Major Somnath Sharma

86. Who was the composer of our national Anthem?
(a) Rabindranath Tagore
(b) Bankim Chandra Chatterjee
(c) Iqbal
(d) Deshbandhu

87. The words 'Satyameva Jayate' in the state emblem of India were taken from
(a) Upanishads
(b) Sama veda
(c) Rig Veda
(d) Ramayana

88. What is the highest peacetime gallantry award of India?
(a) Ashok Chakra
(b) Vir Chakra
(c) Mahavir Chakra
(d) Param Vir Chakra

89. Which Novel has won the 2018 'Golden Man Booker Prize?
(a) In a free State
(b) The English Patient
(c) Wolf Hall
(d) Moon Tiger

90. Which of the following crops helps in fixing nitrogen fixation?
(a) Rice
(b) Wheat
(c) Maize
(d) Green Peas

91. What is the time taken by the Moonlight to reach Earth?
(a) 1.9 Sec
(b) 1.6 Sec
(c) 1.3 Sec
(d) 1.1 Sec

92. Polythene is industrially prepared by the polymerization of
(a) Methane
(b) Styrene
(c) Acetylene
(d) Ethylene

93. Which country is the largest producer of rubber in the world?
(a) China
(b) India
(c) Thailand
(d) Italy

94. Which ocean separates North America and Western Europe?
(a) Pacific Ocean
(b) North Atlantic Ocean
(c) Arctic Ocean
(d) South Atlantic Ocean

95. Which of the following department of Indian Government takes care of education of children with physical disabilities?
(a) Min. of Welfare
(b) Min. of Sports
(c) Min. of HRD
(d) Min. of Defence

96. In the western countries, the constellation Sapta-Rishi is known as
(a) Seven monks
(b) Alpha Century
(c) Big Dipper
(d) Small bear

97. Name the third largest continent of the world.
(a) Asia
(b) Africa
(c) North America
(d) South America

98. Which of the following is a cellulose fibre?
(a) Cotton
(b) Wool
(c) Rayon
(d) Polyester

99. Which one among the following is nearest to the tropic of cancer?
(a) Patna
(b) Ranchi
(c) Rourkela
(d)Varanasi

100. With which game is Santosh Trophy associated
(a) Tennis
(b) Cricket
(c) National Football
(d) Golf

Section – C (Intelligence Test)

101. A is shorter than B but much taller than E. C is the tallest and D is shorter than A and taller than E. Which one is the shortest?
(a) A (b) E
(c) B (d) D

102. Find the wrong number in the following series: **10 , 26 , 24 , 21 , 18**
(a) 10 (b) 24
(c) 26 (d) 21

Directions (103 - 110): Select the one in place of?

103. Bicycle : Paddle : Boat?
(a) Oar (b) Wheel
(c) Seat (d) Flag

104. Milk : Lactometer : Earthquake?
(a) Hydrometer
(b) Hygrometer
(c) Speedometer
(d) Seismograph

105. DFHJ : LNPR : : BDFH : ?
(a) VXZT (b) UVXZ
(c) TXVZ (d) TVXZ

106. 144 10 169 ?
(a) 14 (b) 11
(c) 13 (d) 12

107. 4, 7, 25, 10, ?, 20, 16, 19
(a) 13 (b) 15
(c) 20 (d) 28

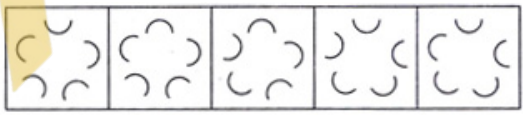
108. Poles : Magnet : : Battery : ?
(a) Cells (b) Power
(c) Terminals (d) Energy

109. MAAL, AALM, ALMA, LMAA, ?
(a) AMLA (b) MAAL
(c) AAML (d) LAAM

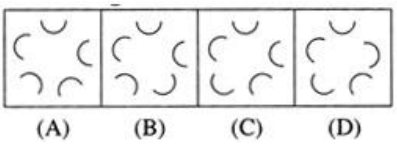
110. 13, 32, 24, 43, 35,? , 46, 65, 57, 76
(a) 45 (b) 52
(c) 54 (d) 55

Direction (111 – 112): Select a figure from amongst the answer figures which will continue the same series as established by the five problem Figures.

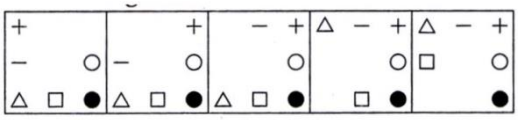
111. Problem Figures:



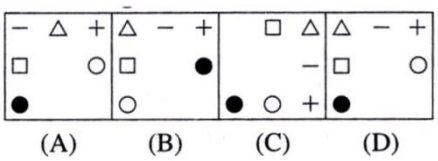
Answer Figures:



112: Problem Figures:



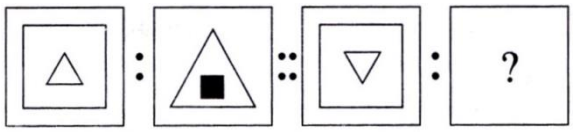
Answer Figures:



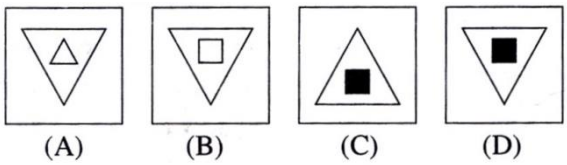
Direction (113 – 114): There are two sets of figures under problem figures. In the first set one figures bears some relation

with the second figure of the same set. Bearing that relation in mind pick up one figure from the answer figures that bears the same relation with the first figure of the second set of the problem figures.

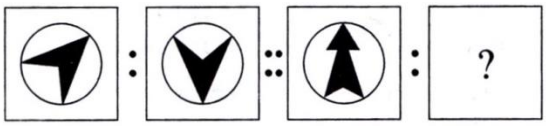
113. **Problem Figures:**



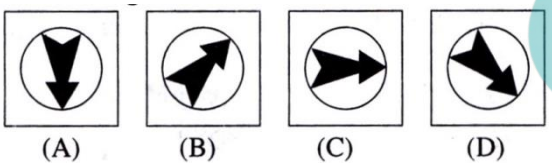
Answer Figures:



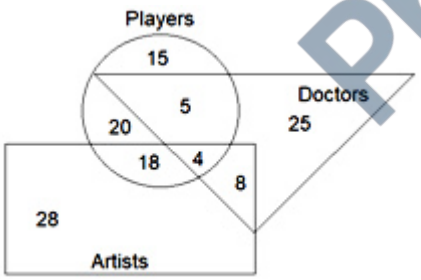
114. **Problem Figures:**



Answer Figures:



Direction (115 – 118): Each question is based on the figure given below Observe the figure and answers the questions.



115. How many players are neither artists nor doctors?

(a) 35 (b) 26

(c) 24 (d) 18

116. How many doctors are players but not artists?

(a) 4 (b) 5

(c) 20 (d) 25

117. How many artists are doctors but not players?

(a) 5 (b) 13

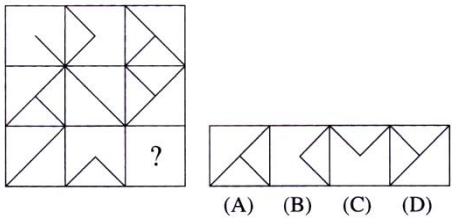
(c) 23 (d) 8

118. How many players are artists but not doctors?

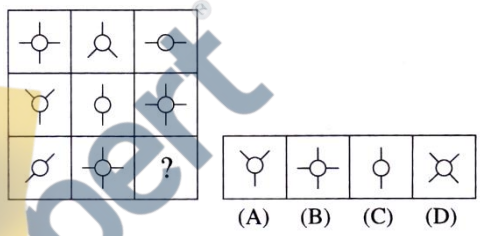
(a) 28 (b) 25

(c) 18 (d) 5

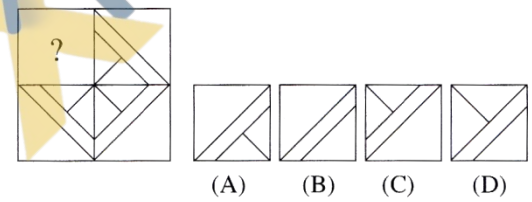
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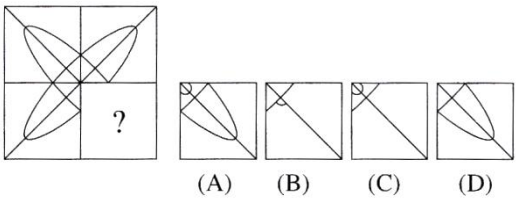
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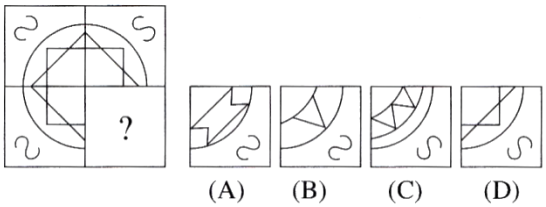
121.



122.



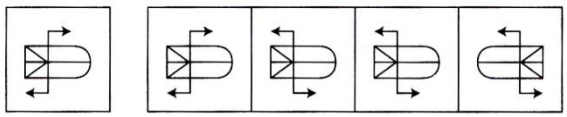
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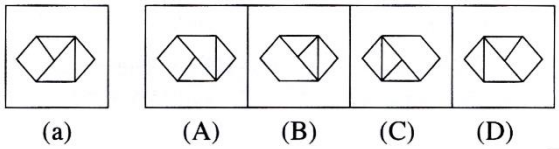
Direction (124 – 127): Select the mirror image of (A) out of the alternatives (A), (B), (C), (D).

Prep Xpert

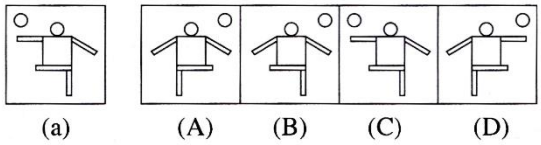
124.



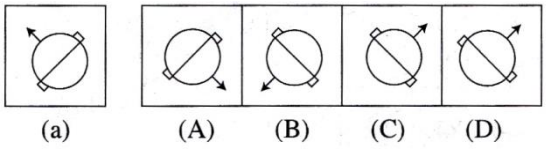
125.



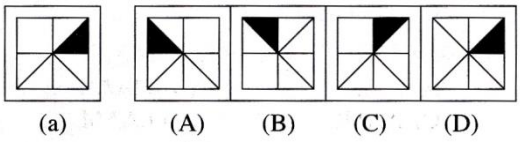
126.



127.

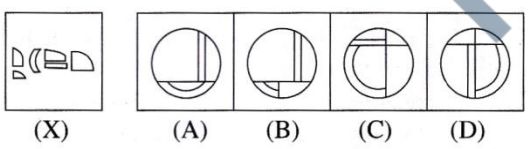


128.

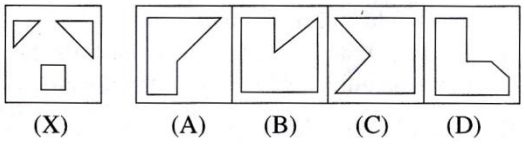


Direction (129 – 131): Find out which of the figures (A), (B), (C) and (D) can be formed from the pieces given in figures (X).

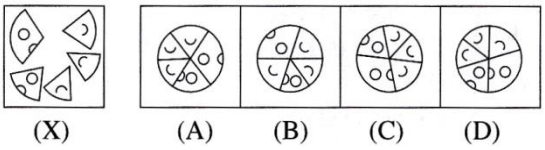
129.



130.



131.



Directions (132 to 135): Study the following information carefully and answer the question given below.

P , Q , R, S, T, U and V are sitting together in a row facing East. R is on the immediate right of S. Q is an extreme end and has T as his immediate neighbor. V Is exactly between T and U. S is sitting third from the South end.

132. Who is sitting to the immediate right of T?

(a) P (b) V
(c) S (d) U

133. Which of the following people are sitting at the extreme ends?

(a) P and Q (b) P and S
(c) Q and R (d) U and B

134. Name the person who is at the third place from the North End.

(a) T (b) U
(c) V (d) S

135. Immediately between which of the following pair of people is S sitting.

(a) Q and V (b) T and U
(b) V and U (d) U and R

Directions (136 - 138): Arrange the words given below in a meaningful sequence

136.1. Poverty
2. Population
3. Death
4. Unemployment
5. Disease

(a) 2, 3, 4, 5, 1 (b) 3, 4, 2, 5, 1
(c) 2, 4, 1, 5, 3 (d) 1, 2, 3, 4, 5

137.1. Police
2. Punishment
3. Crime
4. Judge
5. Judgment

(a) 3, 1, 2, 4, 5
(b) 1, 2, 4,3, 5
(c) 5, 4, 3, 2, 1
(d) 3, 1, 4, 5, 2

138. 1.Cut
2. Put on
3. Mark
4. Measure
5. Tailor
(a) 3, 1, 5, 4, 2
(b) 2, 4, 3, 1, 5
(c) 1, 3, 2, 4, 5
(d) 4, 3, 1, 5, 2

Directions (139 to 142): In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose out the different one.

139. (a) Dollar (b) Peso
(c) Ounce (d) Euro

140. (a) Fish (b) Snake
(c) Crocodile (d) Whale

141. (a) Copper (b) Iron
(c) Iodine (d) Tin

142. (a) Dr Hamid Ansari
(b) Dr Abdul Kalam
(c) Dr Pranab Mukherjee
(d) Dr Rajendra Prasad

143. In a certain code, 'GIGANTIC' is written as 'GIGTANGCI'. How is 'MIRACLES' written in that code.
(a) MIRCLAES
(b) MIRLACSE
(c) RIMCALSE
(d) RIMLCAES

144. In a certain code language, 'LEARNING' is written as 'LGNINRARE'. How will 'SURPRISE' be written in the code language?
(a) ESRIPRUS
(b) RUSEPSIR
(c) SESIRPRU
(d) None

145. If AT = 20, BAT= 40, the CAT will be equal to
(a) 30 (b) 50
(c) 60 (d) 70

146. If air is called water, water is called green, green is called dust, dust is called yellow and yellow is called cloud, which of the following does fish live in?
(a) Air (b) Water
(c) Green (d) Dust

147. From his house, Rajan went 25 km to the North. Then he turned West and covered 20 km. Then he turned South and covered 15 km. Finally turning to East, he covered 20 km. In which direction was he from his house?
(a) East (b) West
(c) North (d) South

148. Pointing to man on stage. Rita said, "He is the brother of the daughter of wife of my husband". How is the man on the stage related to Rita?
(a) Son (b) Husband
(c) Cousin (d) Nephew

149. A and B are brothers. C and D are sisters A's son is D's brother. How is related to C?
(a) Father (b) Brother
(c) Grandfather (d) Uncle

150. A party consists of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there in all?
(a) 12 (b) 13
(c) 14 (d) 15

Section – D (Mathematics)

151. Sum of the smallest and the greatest number formed by the digits 5, 0, 8, 9, 2 is:
(a) 20589 (b) 98520

(c) 101109 (d) 77931

152. How many seconds are there in 5 hours?
(a) 18000 sec (b) 18500 sec
(c) 1800 sec (d) 20000 sec

153. A student secured 30% Marks out of total marks of 250. If he failed by 25 marks.
(a) 50 (b) 75
(c) 100 (d) 125

154. I one dozen note books costs 252 rupees. Find the cost of 10 note books?
(a) 210 (b) 200
(c) 189 (d) 168

155. Kiran brought a mobile for 6000 rupees and sold it for 5400 rupees. What is her loss percent?
(a) 20% (b) 10 %
(c) 15% (d) 30%

156. Write 98 in Roman Numerals.
(a) XCVII (b) XCVVI
(c) XCVIII (d) XCVIV

157. Which of the following will not represent zero?
(a) 1 + 0 (b) 0 × 0
(c) 0/2 (d) (10-10)/2

158. Find the value of x in the equation x – 15 = - 10?
(a) 10 (b) 5
(c) 25 (d) 0

159. 0.05 will be represented in percent as ……
(a) 50 % (b) 5%
(c) 95% (d) 20%

160. Write 0.125 in fraction as lowest term:
(a) 1/8 (b) 2/7
(c) 1/10 (d) 2/15

161. 4/5 of a number exceeds it's 2/3 by 8. The number is:
(a) 30 (b) 60
(c) 90 (d) None

162. The ratio between two numbers is 2:3. If the consequent is 24, the antecedent is:
(a) 36 (b) 16
(c) 48/5 (d) 72/5

163. What least value must be given to * so that the number 3*63504 is divisible by 11?
(a) 0 (b) 2
(c) 3 (d) 4

164. 469157 × 9999 = (……..)
(a) 4586970843
(b) 4686970743
(c) 4691100843
(d) 4586870843

165. The sum of the smallest even and the smallest odd prime number is:
(a) a composite number
(b) an even number
(c) a prime number
(d) none of these

166. The difference between a smallest (n + 1) digit number and the largest n digit number is:
(a) 10 (b) 1
(c) 100 (d) 1000

167. The average of first five prime numbers is:
(a) 5.6 (b) 7.8
(c) 6.5 (d) 8.7

168. Which of the numbers are twin primes?
(a) (5, 7) (b) (18, 25)
(c) (11, 17) (d) (23, 62)

169. Which f of the numbers are co-primes?
(a) (14, 35) (b) (18, 25)
(c) (31, 93) (d) (23, 69)

170. 5:4 is equal to _____.
(a) 125% (b) 80%
(c) 60% (d) 40%

171. The H.C.F. of 0.24, 1.8 and 2.7 is _____.

(a) 3 (b) 0.3
(c) 0.03 (d) 0.003

172. How many $\frac{1}{8}$ are there in $37\frac{1}{2}$?
(a) 300 (b) 400
(c) 500 (d) None

173. What is 25% equal to?
(a) 6.25 (b) 0.625
(c) 0.0625 (d) 0.00625

174. 0.2% of ? = 0.03.
(a) 20 (b) 2.5
(c) 15 (d) 1.5

175. Which number is 60% less than 80?
(a) 48 (b) 42
(c) 32 (d) 12

176. The area of a square field is 196 m^2. The perimeter is _____.
(a) 40 m (b) 48 m
(c) 56 m (d) 60 m

177. The average of first five multiples of 3 is:
(a) 3 (b) 9
(c) 12 (d) 15

178. 0.5 of a number equals 0.07 of another. Then the ratio of two numbers is:
(a) 7:50 (b) 7.25
(c) 7:5 (d) 1:14

179. A batsman has a certain average runs for 11 innings. In the 12th inning he made a score of 90 runs and thereby decreases his average by 5. His average after 12th inning is:
(a) 127 (b) 150
(c) 145 (d) 217

180. A speed of 33.333 metres per second is the same as:
(a) 100 km/hr (b) 80 km/hr
(c) 120 km/hr (d) 75 km/hr

181. The angle whose degree measure is twice its supplementary angle is:
(a) 60° (b) 120°
(c) 30° (d) None

182. A train crosses 1 km long bridge in 2 min. If the length of the train is half of the bridge, then find the speed of the train.
(a) 45 km/hr (b) 12 km/hr
(c) 54 km/hr (d) 36 km/hr

183. The circumference of a circle is 44 cm. Find the area of the circle.
(a) 160 cm^2 (b) 158 cm^2
(c) 156 cm^2 (d) 154 cm^2

184. The greatest possible length which can be used to measure exactly the lengths:
(a) 15cms (b) 25cms
(c) 35cms (d) 42cms

185. Greatest fraction out of $\frac{2}{5}, \frac{5}{6}, \frac{11}{12}, \frac{7}{8}$ is.
(a) $\frac{7}{8}$ (b) $\frac{11}{12}$
(c) $\frac{5}{6}$ (d) $\frac{2}{5}$

186. In an examination 93% of students passed and 259 failed. The total number of students is:
(a) 3700 (b) 500
(c) 3950 (d) None

187. A sweet seller declares that he sells sweets at the cost price. However, he uses a weight of 450 gm instead of 500 gm. His percentage profit is:
(a) 10 (b) $\frac{100}{9}$
(c) 12 (d) $12\frac{2}{9}$

188. The average temperature of first 3 days is 27° and of the next 3 days is 29°. If the average of the whole week is 28.5° C, the temperature of the last day is:
(a) 31.5° (b) 10.5°
(c) 21° (d) 42°

189. A can do a piece of work in 30 days while B can do it in 40 days. A and B

working together can do it in how many days.

(a) 70 days (b) $17\frac{1}{4}$ days

(c) $\frac{190}{7}$ days (d) $\frac{120}{7}$ days

190. By selling an article of Rs. 100, one gains Rs. 10. Then, the gain percent is:

(a) 10% (b) 9%

(c) 100/9 % (d) None

191. What is the complementary angle of 60°?

(a) 30° (b) 120°

(c) 300° (d) 90°

192. How many persons will be able to live for 50 days on food which is sufficient for 400 persons for 10 days?

(a) 80 (b) 8

(c) 40 (d) 200

193. What should be the selling price of a cow whose cost is Rs 1500 to get 20T profit?

(a) 1530 (b) 1600

(c) 2000 (d) 1800

194. The speed of a car is 80 km/hr. After 2 hours it covered one fourth of the total distance. What is the total distance?

(a)120 km (b) 80 km

(c) 640 km (d) 100 km

195. What is the 25% of one hour?

(a) 20 Min (b) 30 Min

(c) 25 Min (d) 15 Min

196. An isosceles triangle has two sides with length x. The third side is half of x. What is its perimeter?

(a) 5 x (b) 3 x

(c) $\frac{5}{2}$x (d) $\frac{9}{2}x$

197. The value of 8 + 8 ÷ 2 + 2 is:

(a) 9 (b) 8

(c) 10 (d) 14

198. What is the greatest common divisor of 54, 36 and 24?

(a) 2 (b) 3

(c) 6 (d) 9

199. The greatest fraction is:

(a) 1/3 (b) 1/2

(c) 3/5 (d) 2/3

200. What fraction should be divided by $\frac{7}{8}$ to get $\frac{8}{9}$?

(a) $\frac{4}{7}$ (b) $\frac{5}{7}$

(c) $\frac{7}{9}$ (d) $\frac{9}{10}$

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