

English

I. Choose the correct spelling —

1. (A) Aceelerate (B) Acelerate
(C) Accelerate (D) Acellrate
2. (A) Campaegn (B) Cammpaign
(C) Caampaign (D) Campaign
3. (A) Nucery (B) Nursery
(C) Nersury (D) Nurcery
4. (A) Committee (B) Comettee
(C) Committe (D) Commitee
5. (A) Descendant (B) Descendente
(C) Discident (D) Descideint

II. Read the poem given below and then answer the questions which follow —

Letter from a Parent

Dear Sir,
I feel I ought to write
About Tom's essay-work last night.
Of all the subjects you have set
This seemed the most unwise yet.
"Describe your family..." Tom wrote it,
So well, I just had to stop it.
Being handed in—so did my wife.
The details of our family life
Are not such a kind, alas,
That I should want them read in class :
We did not wish the High School staff
To read them for a lunch-hour-laugh.
We tore it out. I realize
You may think what we did unwise-
But give it your consideration.
And please accept my explanation.
I trust you will not blame my son,
For, after all, the work was done.
Yours truly,
Harold Honeybun

6. The letter is written by a father to—

- (A) his employer (B) his friend
(C) his son's teacher (D) his son

7. The son was given the task of—
 - (A) writing an essay
 - (B) composing a poem
 - (C) doing maths sums
 - (D) writing a letter
8. The father stopped his son from submitting the task because—
 - (A) it was badly written
 - (B) it was too funny to be read in class
 - (C) it contained too many details
 - (D) it was not a good task
9. The father thought that submitting the task would cause—
 - (A) the school staff to laugh
 - (B) the teacher to get angry
 - (C) the headmaster to scold his son
 - (D) his son to cry
10. The father thought that his son should be pardoned because—
 - (A) he was small
 - (B) he completed the task given
 - (C) it was he who stopped him from completing it
 - (D) it was his wife who tore out the page

III. Give one word for the following sentences —

11. A person living permanently at a certain place is known as

(A) Native	(B) Resident
(C) Domicile	(D) Subject
12. One who goes on a journey to a holy place—

(A) pilgrim	(B) genius
(C) traveller	(D) visitor
13. A person who believes that there is no God—

(A) hermit	(B) theist
(C) traitor	(D) atheist
14. Expression of sympathy especially on the occasion of death of a person—

(A) exuberance	(B) condolence
(C) gratitude	(D) remorse
15. Policy of forcefully extending a nation's authority by territorial gain—

(A) imperialism	(B) chauvinism
(C) plagiarism	(D) nationalism

IV. Fill in the blanks with appropriate word—

16. I think I a new calculator.
(A) needs (B) needed
(C) need (D) am needing
17. It many times every winter in Shimla.
(A) snowed (B) snows
(C) is snowing (D) is snow
18. The student is papers.
(A) writing (B) writes
(C) write (D) is wrote
19. I've been waiting for long time.
(A) no article (B) a
(C) the (D) an
20. It have been a nice outing if he was not there.
(A) may (B) could
(C) will (D) should
21. Sanjay and Sanjana's father a business man.
(A) are (B) have
(C) is (D) has
22. Mrs. Verma's and Mrs. Sharma's houses in the same building.
(A) is (B) are
(C) has (D) have
23. As you sow, so you reap.
(A) shall (B) will
(C) would (D) must
24. There is milk in the cup than in the other.
(A) few (B) fever
(C) less (D) little
25. A of singers was singing in the congregation.
(A) troupe (B) gang
(C) choir (D) posse

V. Identify the correct kind of sentence—

26. Please help me.
(A) Assertive (B) Interrogative
(C) Exclamatory (D) Negative
27. Hurray ! We have won the match.
(A) Affirmative (B) Exclamatory
(C) Interrogative (D) Negative
28. How is your mother ?
(A) Negative (B) Affirmative
(C) Interrogative (D) Exclamatory
29. He is not a good student.
(A) Affirmative (B) Exclamatory
(C) Interrogative (D) Negative

30. Does he not sing a song ?
 (A) Negative
 (B) Affirmative
 (C) Interrogative
 (D) Interrogative Negative

VI. Mark the opposite word of the following —

31. In all places, and at all times, there is a **profusion** of talents.
 (A) Plenty (B) Generosity
 (C) Aversion (D) Scarcity
32. The actor is well known both for his **humility** and courage.
 (A) Gentleness (B) Honesty
 (C) Determination (D) Pride
33. Ashish has an **innate** sense of humour.
 (A) Natural (B) Inborn
 (C) Unusual (D) Acquired
34. Rajesh's **rustic** behaviour astonished the teacher.
 (A) Impolite (B) Genuine
 (C) Sophisticated (D) Awkward
35. Always be **impartial** in your dealings.
 (A) Discourteous (B) Impudent
 (C) Disrespectful (D) Unfair

VII. Complete the following passage by choosing the correct option from those given in brackets—

Do you have a best friend ? Surely I have. Her name is Sangita. ...(36)... was my schoolmate. She was ...(37)... first girl of our class. If I were to ...(38)... how she looks, ...(39)... would say she is pretty, witty and full of life. Since our interest lies in the same hobbies, we spend a lot of time together. ...(40)... is a very good dancer too. She won many prizes when we were in school.

36. (A) Her (B) She
 (C) Its (D) Their
37. (A) a (B) an
 (C) the (D) firstly
38. (A) is tell (B) tell
 (C) told (D) telling
39. (A) we (B) I
 (C) myself (D) mine
40. (A) I (B) You
 (C) Romi (D) Sangita

VIII. Rearrange the following in a sequence to form a meaningful sentence—

41. taken / to / the hospital / were / the / injured
 (A) To the hospital were injured the taken.
 (B) The injured taken to the hospital were.
 (C) The injured were taken to the hospital.
 (D) To the hospital were taken the injured.

42. an / e-mail / ? / who / wrote
 (A) An email wrote who ?
 (B) Who wrote an e-mail ?
 (C) Who an e-mail wrote ?
 (D) Wrote who an email ?
43. meeting / King / after / departed / the / he
 (A) The King departed after meeting he.
 (B) Departed after he meeting the King.
 (C) He departed after meeting the King.
 (D) After meeting he, the King departed.
- IX. Choose the word/phrase which best expresses the meaning of the given words—**
44. Banish
 (A) order someone to leave a place
 (B) beat or hurt someone
 (C) untidily dressed
 (D) public statement in church
45. Native
 (A) relative (B) negative
 (C) national (D) inhabitant
46. Abandon
 (A) discard (B) delicate
 (C) bandaged (D) deny
47. Contemporary
 (A) ancient (B) original
 (C) old (D) modern
48. Calamity
 (A) celebration (B) disaster
 (C) disorder (D) century
49. Artifact
 (A) object made by human
 (B) not original
 (C) type of spacecraft
 (D) none of the above
50. Elevate
 (A) raise (B) evaluation
 (C) low (D) evaluate

General Knowledge

51. Which animal never stops growing ?
 (A) Giraffe (B) Snake
 (C) Crocodile (D) Blue Whale
52. Kelvin is a unit related to—
 (A) Speed (B) Density
 (C) Temperature (D) Humidity
53. What is Origami ?
 (A) Art of paper folding (B) National Anthem
 (C) An insect (D) Plant

54. In which city did the first Metro Railway system begin ?
(A) Delhi (B) Mumbai
(C) Kolkata (D) Chennai
55. Who is known as the father of Homeopathy ?
(A) Aristotle (B) Hahnemann
(C) Hippocrates (D) Kent
56. Which state does 'Tanjore Painting' belong to ?
(A) Karnataka (B) Tamil Nadu
(C) Andhra Pradesh (D) Kerala
57. Kimono is the traditional dress of which country ?
(A) China (B) Australia
(C) Japan (D) England
58. Where is St. Peter Church located ?
(A) Mexico (B) Washington DC
(C) Vatican (D) London
59. Who wrote 'Glimpses of World History' ?
(A) Dr. S. Radhakrishnan
(B) Jawaharlal Nehru
(C) Kuldip Nayar
(D) Bertrand Russell
60. In which year did Indian Postal Service start in India ?
(A) 1774 (B) 1837
(C) 1222 (D) 1786
61. Who was the first President of the Indian National Congress ?
(A) Annie Besant
(B) Bipin Chandra Pal
(C) W.C. Banerjee
(D) Subhas Chandra Bose
62. How many rocks were used for carving the Sphinx in Egypt ?
(A) 14 (B) 20
(C) 1 (D) 5
63. Who won the first 'Padmashree' in Athletics ?
(A) P.T. Usha (B) Milkha Singh
(C) Bandhu Singh (D) Sakshi
64. When were the first Commonwealth Games held ?
(A) 1920 (B) 1890
(C) 1930 (D) 1934
65. World Health day is celebrated on which day ?
(A) 5 June (B) 7 April
(C) 7 June (D) 11 July
66. Name the tallest manmade structure of the world—
(A) Taipei 101 (B) Burj Khalifa
(C) CN Tower (D) Eiffel Tower

67. Which of the following is not a fruit in reality but a herb ?
 (A) Pineapple (B) Orange
 (C) Strawberry (D) Banana
68. Who won the Arjuna Award 2016 for Cricket ?
 (A) Virat Kohli (B) Ajinkya Rahane
 (C) Rohit Sharma (D) Dhoni
69. What is the minimum age to contest the Assembly Election ?
 (A) 25 (B) 21
 (C) 18 (D) 24
70. Whose slogan was 'Jai Jawan, Jai Kisan' ?
 (A) Lal Bahadur Shastri (B) Indira Gandhi
 (C) Morarji Desai (D) Rajiv Gandhi
71. At which continent are 'Maitri' and 'Dakshin Gangotri', the research stations of India located ?
 (A) Australia (B) Africa
 (C) Antarctica (D) Europe
72. Which part of the brain controls our emotions like fear, sorrow and happiness ?
 (A) Cerebrum (B) Cerebellum
 (C) Medulla Oblongata (D) Pons
73. In which state is the Netravali wildlife sanctuary is located ?
 (A) Goa (B) Kerala
 (C) Mizoram (D) Odisha
74. In which of the following states is English the Official Language ?
 (A) Odisha (B) Nagaland
 (C) Kerala (D) Tripura
75. Who is the Minister of Railways of our country ?
 (A) Parkash Singh Badal (B) Suresh Prabhu
 (C) Tarun Gogoi (D) Mukul Sangma
76. The Thaipooam festival is celebrated by which one of the following religions ?
 (A) Christians (B) Muslims
 (C) Hindu (D) Sikhs
77. Hero India Open Tournament is related to which among the following sports ?
 (A) Cricket (B) Hockey
 (C) Golf (D) Football
78. Pandit Shiv Kumar Sharma is associated with the instrument ?
 (A) Sarangi (B) Santoor
 (C) Sitar (D) Mohan Veena
79. What is the ratio of the width to the length of the National Flag of India ?
 (A) 2 : 4 (B) 3 : 5
 (C) 4 : 5 (D) 2 : 3

80. Who was the longest serving President of India ?
(A) A. P. J. Abdul Kalam
(B) Zakir Hussain
(C) Rajendra Prasad
(D) Giani Zail Singh
81. Which of the following is used as a moderator in nuclear reactor ?
(A) Thorium (B) Graphite
(C) Radium (D) Proton
82. Name the plant that brings sleep—
(A) Opium Poppy (B) Sunflower
(C) Neem (D) Pine
83. Where was Guru Nanak born ?
(A) Amritsar (B) Ludhiana
(C) Jalandhar (D) Talwandi
84. Which country is known as 'home of spice' ?
(A) Srilanka (B) India
(C) Bangladesh (D) Malaysia
85. Who made the famous painting 'Mona Lisa' ?
(A) Edvard Munch (B) Leonardo da Vinci
(C) Claude Monet (D) Vincent van Gogh
86. Name the only bird that can fly backwards—
(A) Humming Bird (B) Pigeon
(C) Crow (D) Sparrow
87. What is an EVM ?
(A) Electric Voter Machine
(B) Electronic Voting Machine
(C) Electric Voting Machine
(D) Electronic Voting Manual
88. 'Life's Good' is associated with which brand ?
(A) Tata (B) LG
(C) Sony (D) Videocon
89. Who invented the Television ?
(A) Philips (B) Waterman
(C) J K Baird (D) Benjamin Ho
90. What is the meaning of the word 'Yoga' that is derived from Sanskrit ?
(A) Meditation (B) Union
(C) Twist (D) Relax
91. In which city Jama Masjid is located ?
(A) Delhi (B) Hyderabad
(C) Ahmedabad (D) Jaipur
92. Whose slogan is 'Freedom from hunger for every human in the world' ?
(A) UNESCO (B) ILO
(C) WHO (D) FAO

93. The periodic rise and fall in the water level in the ocean is called—
 (A) Cyclone (B) Tsunami
 (C) Hurricane (D) Tide
94. Which is the venue of 2020 Olympics ?
 (A) Santiago (B) Buenos Aires
 (C) Rio de Janeiro (D) Tokyo
95. Golden revolution refers to—
 (A) Seri culture (B) Horticulture
 (C) Milk Production (D) Egg production
96. Who was the first India born basketball player to get selected in National Basketball Association (NBA) ?
 (A) Satnam Singh (B) Balbir Chauhan
 (C) Balbir Singh (D) Ramesh Rathode
97. Who won the Commonwealth Chess Championship title-2015 ?
 (A) Arghyadip Das (B) Abhijeet Gupta
 (C) Lalith Bahu (D) Mukund Pal
98. Which of the following is a renewable energy source ?
 (A) Coal (B) Wind
 (C) Gasoline (D) Oil
99. What is the Capital of Kosovo ?
 (A) Pristina (B) Nairobi
 (C) Pyongyang (D) Bishkek
100. What is 'Param' ?
 (A) Computer (B) Dance
 (C) Language (D) Phone

Intelligence

Directions—(Q. 101-107) Select the one in place of question-mark.

101. Optimist : Cheerful :: Pessimist : ?
 (A) Petty (B) Selfish
 (C) Gloomy (D) Mean
102. 8 : 9 :: 64 : ?
 (A) 8/9 (B) 4
 (C) 65 (D) 72
103. 720 : 840 :: 60 : ?
 (A) 76 (B) 80
 (C) 70 (D) 74
104. YTOJ : XSNI :: WRMH : ?
 (A) VQLG (B) TOJE
 (C) RMHC (D) UPKF
105. SOCIAL : OCIALS :: DRIVEN : ?
 (A) VERNID (B) NEVIRD
 (C) RIVEND (D) VIREND

106. K/T : 11/20 :: J/R : ... ?

- (A) 10/18 (B) 11/19
(C) 10/8 (D) 5/10

107. Man : Biography :: Nation : ?

- (A) History (B) Geography
(C) People (D) Leader

Directions—(Q. 108–110) Select the one which is different from other alternatives.

108. (A) 9-72 (B) 8-56
(C) 11-115 (D) 10-90

109. (A) Bay (B) Plateau
(C) Island (D) Peninsula

110. (A) 2012 (B) 1998
(C) 2005 (D) 1997

Directions—(Q. 111–120) Complete the series.

111. ELFA, GLHA, ILJA,, MLNA—

- (A) OLPA (B) KLMA
(C) LLMA (D) KLLA

112. 1, 5, 25, 125,,,

- (A) 245, 485, 965 (B) 225, 325, 425
(C) 625, 3225, 15605 (D) 625, 3125, 15625

113. 589654237, 89654237, 8965423, 965423,

- (A) 58965 (B) 65423
(C) 89654 (D) 96542

114. 36, 34, 30, 28, 24,

- (A) 20 (B) 22
(C) 23 (D) 26

115. 1, 1, 2, 3,, 8, 13, 21, 34, 55

- (A) 3 (B) 4
(C) 5 (D) 6

116. 2, 5, 10,, 26, 37, 50, 65, 82

- (A) 18 (B) 19
(C) 16 (D) 17

117. 3F, 6G, 11I, 18L,

- (A) 21O (B) 25N
(C) 27P (D) 27Q

118. 3, 8,, 24, 35, 48, 63, 80

- (A) 15 (B) 18
(C) 16 (D) 17

119. bc_b_c_b_ccb

- (A) cbc_b (B) bbc_b
(C) cbbc (D) bc_b_c

120. a_aca_aca_a_

- (A) cac_b (B) bb_b_c
(C) cab_c (D) ab_cc

121. There are five friends—Sachin, Kamal, Mohan, Arun and Ram. Sachin is shorter than Kamal, but taller than Ram. Mohan is the tallest. Arun is a little shorter than Kamal and a little taller than Sachin. Who is the second tallest ?
 (A) Ram (B) Sachin
 (C) Kamal (D) Arun
122. Pratap starts from school and walks 7 km towards East. He takes a left and walks 4 km, then takes a right and walks 2 km, again takes a right and walks 3 km. Which direction is he facing now ?
 (A) South (B) North
 (C) East (D) West
123. A is the brother of B, B is the daughter of C and D is the father of A. Then, how is C related to D ?
 (A) Husband (B) Wife
 (C) Grand daughter (D) Grand father
124. If today is 3 January, 2016 and day is Sunday what was the day on 3 January, 2015 ?
 (A) Friday (B) Saturday
 (C) Sunday (D) Monday
125. If $A + B = 76$ and $A - B = 38$, then $A/B = ?$
 (A) 2 (B) 3
 (C) 4 (D) 5
126. If MONKO is coded as 57637, then how KLJMN be coded in the same code ?
 (A) 32456 (B) 34256
 (C) 35156 (D) 32546
127. If one man eats one mango in one minute, then ten men with one mango each will take how many minutes to finish ?
 (A) 10 (B) 5
 (C) 9 (D) 1
128. If in a certain code 'INTELLIGENCE' is written as 'ETNIGILLECNE', then how can 'MATHEMATICAL' be written in the same code ?
 (A) AMHTMETACILA
 (B) TAMMEHTALAC
 (C) HTAMTAMELACI
 (D) LACITAMEHTAM
129. Find the wrong number in the following series—
 4, 28, 33, 124, 215, 342
 (A) 28 (B) 4
 (C) 124 (D) 342
130. In a certain code, TRIPLE is written as SOHOKD. How is DISPOSE written in that code ?
 (A) CHRONRD (B) DSOESPI
 (C) ESJTPTF (D) ESOPSID
131. If TRANSFER is coded as RTNAFSRE, then how ELEPHANT be coded in the code language ?
 (A) LEPEHATN (B) LEPEAHTN
 (C) LEEPAHTN (D) LEPEAHNT

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

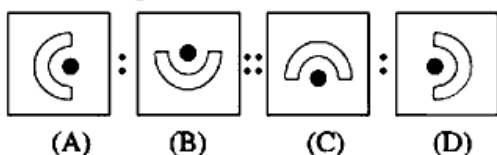
- (A) 21 (B) 22
(C) 19 (D) 20

Directions—(Q. 133–137) There are two sets of figures under problem figures. In the first set one figure bears some relation with the second figure of the same set. Bearing that relation in mind, pick up one figure from the answer a figure that bears the same relation with the first figure of the second set of the problem figure.

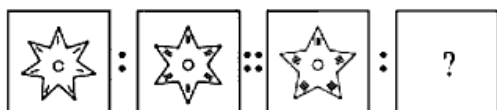
133. **Problem Figures :**



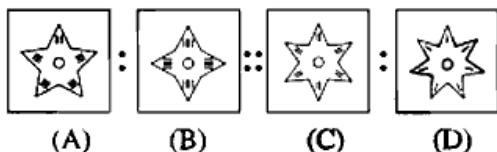
Answer Figures :



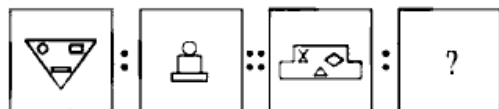
134. **Problem Figures :**



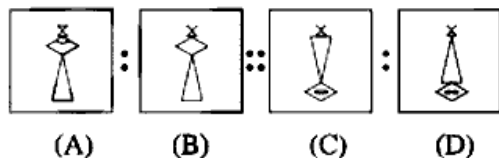
Answer Figures :



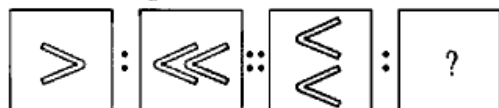
135. **Problem Figures :**



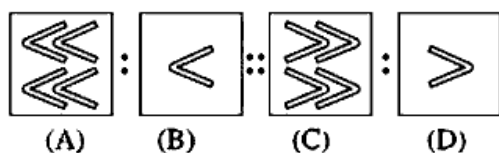
Answer Figures :



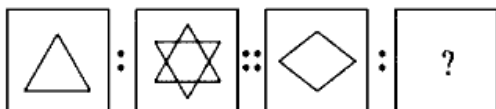
136. **Problem Figures :**



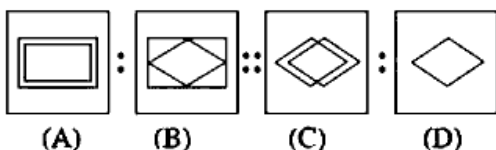
Answer Figures :



137. Problem Figures :



Answer Figures :



Directions—(Q. 138–140) Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

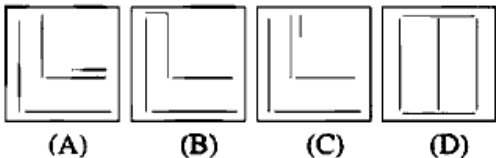
138. (A) Yacht (B) Submarine
(C) Boat (D) Ship
139. (A) Autobiography (B) Malayalam
(C) Intelligence (D) Dictionary
140. (A) Square (B) Trapezium
(C) Cylinder (D) Parallelogram
141. Shyama says that father of Rajiv's father is my father. How is Shyama related to Rajiv ?
(A) Sister
(B) Mother
(C) Aunt (Father's sister)
(D) Niece

Directions—(Q. 142–145) Find out the figure from the answer figure that will continue the series.

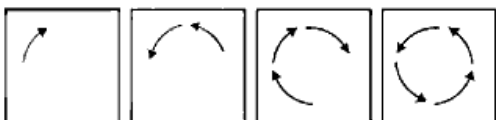
142. Problem Figures :



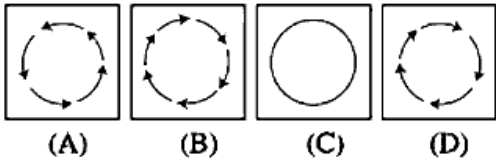
Answer Figures :



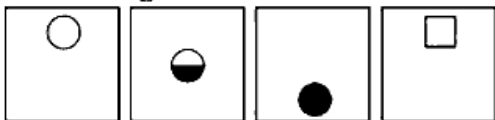
143. Problem Figures :



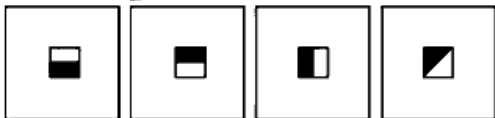
Answer Figures :



144. Problem Figures :



Answer Figures :



(A)

(B)

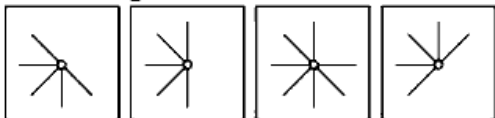
(C)

(D)

145. Problem Figures :



Answer Figures :



(A)

(B)

(C)

(D)

Directions—(Q. 146–150) Identify the diagram that best represents the relationship among the classes given below.



(A)

(B)

(C)

(D)

146. Factory, Machinery, Product.

147. Traveller, Train, Bus.

148. Book, Poem, Word.

149. Train, Coach, Seat.

150. Library, Book, Newspaper.

Mathematics

151. The area of a square is 16 cm^2 . Find the Perimeter of the square—

(A) 16 cm

(B) 32 cm

(C) 8 cm

(D) 20 cm

152. The population of a village is 4550. It is increasing 20% annually. Find the population after one year—

(A) 5060

(B) 5460

(C) 5260

(D) 5340

153. If cost of 30 metres of cloth is ₹ 345, what is the cost of 16 metres of cloth ?

(A) ₹ 184

(B) ₹ 274

(C) ₹ 164

(D) ₹ 204

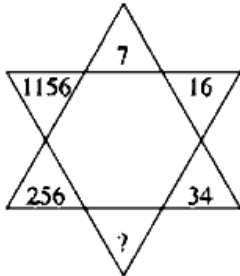
154. If one truck load 60 crates of apples, then how many trucks will be required for 4200 crates of apples ?

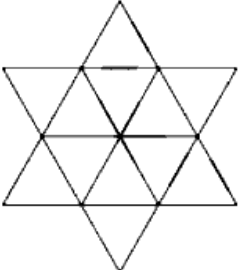
(A) 75

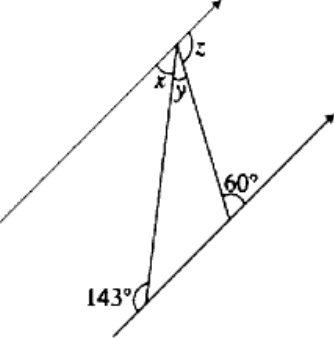
(B) 70

(C) 65

(D) 80

155. The difference of 125.6321 and 27.54 is—
 (A) 90.0921 (B) 95.3
 (C) 98.0921 (D) 100
156. The perimeter of a rectangle is 240 m and ratio of length and breadth is $5 : 3$. Find area of the rectangle—
 (A) 1250 sq. m (B) 3375 sq. m
 (C) 2825 sq. m (D) 3615 sq. m
157. Find the value of '?'.


- (A) 72 (B) 66
 (C) 68 (D) 49
158. How many whole numbers are smaller than 9 ?
 (A) 1 (B) 0
 (C) 8 (D) 9
159. One km is how many centimeters ?
 (A) 100000 (B) 10000
 (C) 1000 (D) 100
160. Find the number of triangles in the following figure—


- (A) 20 (B) 25
 (C) 18 (D) 15
161. Calculate the size of angle y in the adjoining figure—


- (A) 27° (B) 43°
 (C) 23° (D) 60°

162. The HCF and LCM of two numbers are 18 and 252 respectively. If one of the number is 126, find the other—
 (A) 12 (B) 18
 (C) 36 (D) 15
163. What is the smallest three digit number completely divisible by 12, 18, and 24 ?
 (A) 72 (B) 144
 (C) 180 (D) 224
164. Find $37\frac{1}{2}\%$ of ₹ 48—
 (A) ₹ 15 (B) ₹ 14
 (C) ₹ 22 (D) ₹ 18
165. A's income is 40% of $\frac{2}{5}$ of B's income. If B's income is ₹ 4,000, find the income of A—
 (A) ₹ 640 (B) ₹ 560
 (C) ₹ 486 (D) ₹ 800
166. After what time will the sum of ₹ 2,000 become ₹ 2,240 at 4% per annum simple interest ?
 (A) 5 years (B) 4 years
 (C) 3 years (D) 2 years
167. Find the area of a rectangular field which is 50 m long and 25 m wide—
 (A) 1150 sq. m (B) 1250 sq. m
 (C) 1275 sq. m (D) 1280 sq. m
168. The product of two numbers is 3333. If one of them is 11, find the other—
 (A) 33 (B) 333
 (C) 303 (D) 330
169. Express 12 m/min in km/hr—
 (A) 0.72 km/hr (B) 72 km/hr
 (C) 7.2 km/hr (D) 0.072 km/hr
170. Three angles of a triangle are in the ratio 1 : 2 : 3. What is the value of the greatest angle ?
 (A) 105° (B) 120°
 (C) 90° (D) 80°
171. What is the complementary angle of 60° ?
 (A) 30° (B) 120°
 (C) 300° (D) 90°
172. What is the place value of 5 in 678.765 ?
 (A) $5/1000$ (B) $5/10$
 (C) 50 (D) $5/100$
173. What should be subtracted from 1 to get $7/10$?
 (A) $1/10$ (B) $2/10$
 (C) $5/10$ (D) $3/10$
174. Subtract (-4) from (-10) —
 (A) -6 (B) 6
 (C) 4 (D) 14

175. How many seconds are there in 5 hours ?
 (A) 18000 (B) 18500
 (C) 1800 (D) 20000
176. What is the value of $0.001/0.01$?
 (A) 0.01 (B) 0.001
 (C) 0.011 (D) 0.1
177. What is the value of $12.32 \div 2.2$?
 (A) 5.8 (B) 5.1
 (C) 5.4 (D) 5.6
178. Make the smallest four digit number, using digits 0, 1, 2, 3 without repetition—
 (A) 0123 (B) 1023
 (C) 1230 (D) 1032
179. If 75% of a number is 15, then find the number—
 (A) 20 (B) 25
 (C) 40 (D) 35
180. An isosceles triangle has two sides with length X. The third side is half of x. Find its perimeter—
 (A) $2\frac{1}{2}x$ (B) $5x$
 (C) $3x$ (D) $4\frac{1}{2}x$
181. What is the difference between the third power of 2 and the second power of 3 ?
 (A) 2 (B) 5
 (C) 3 (D) 1
182. Simplify $3720 \div 30 - 2 \times (36 + 48 \div 24)$ — <https://www.pyqonline.com>
 (A) 48 (B) 52
 (C) 40 (D) 42
183. The sum of two numbers is 40 and their difference is 4. Find the ratio of these two numbers—
 (A) 10 : 9 (B) 11 : 9
 (C) 13 : 9 (D) $\frac{8}{9}$
184. Simplify $(16 \div 4) \div 4$ —
 (A) 4 (B) 3
 (C) 2 (D) 1
185. Manoj eats 8 bananas in the morning, 5 in the afternoon and 2 in the evening. How many dozens of bananas does he eat in day ?
 (A) $1\frac{1}{4}$ (B) $\frac{1}{4}$
 (C) $\frac{3}{13}$ (D) $14\frac{17}{30}$
186. The base and height of a triangle is 8 cm and 10 cm respectively. Find its area—
 (A) 40 sq. cm (B) 20 sq. cm
 (C) 49 sq. cm (D) 64 sq. cm

187. A train travels from A to B at the rate of 20 km per hour and from B to A at the rate of 30 km/hr. What is the average speed for the whole journey ?
 (A) 20 km/hr (B) 25 km/hr
 (C) 24 km/hr (D) 28 km/hr
188. Find the cube root of $729 a^9 b^6$ —
 (A) $9a^3b$ (B) $9a^2b^3$
 (C) $9a^3b^2$ (D) $9a^3b^3$
189. A batch of bottles was packed in 25 boxes with 12 bottles in each box. If the same batch is packed using 20 bottles in each box, how many boxes would be filled ?
 (A) 12 (B) 15
 (C) 18 (D) 20
190. A bag of chocolates can be shared equally among 4, 5, and 6 children with no leftover. What is the least number of chocolates in the bag ?
 (A) 40 (B) 50
 (C) 60 (D) 80
191. How many lines can pass through two given points ?
 (A) 1 (B) 2
 (C) 3 (D) Infinite
192. Which of the following numbers do you get if you subtract - 40 from - 50 ?
 (A) 10 (B) - 10
 (C) - 90 (D) 90
193. Find the supplementary angle of 55° ?
 (A) 35° (B) 65°
 (C) 40° (D) 125°
194. Express 0.045 as percentage—
 (A) 4.5% (B) 5%
 (C) 0.45% (D) 0.045%
195. If one dozen note books costs ₹ 252, find the cost of 10 note books—
 (A) 210 (B) 200
 (C) 189 (D) 168
196. Find the greatest fraction
 $\frac{2}{5}, \frac{5}{6}, \frac{11}{12}, \frac{7}{8}$ —
 (A) $\frac{7}{8}$ (B) $\frac{11}{12}$
 (C) $\frac{5}{6}$ (D) $\frac{2}{5}$
197. How many $\frac{1}{8}$ are there in $37\frac{5}{8}$?
 (A) 300 (B) 400
 (C) 500 (D) 375
198. Find 25% of 25%—
 (A) 0.625 (B) 625
 (C) 0.0625 (D) 0.00625

199. Find the HCF of 1134, 1344, 1638—

- (A) 21 (B) 42
(C) 63 (D) 7

200. Find the value of $3745 \times 65 + 3745 \times 45$ —

- (A) 757900 (B) 579700
(C) 374500 (D) 734500