

24. [2]
25. [2]
All choices except (2) violate one condition of N must be a conversational group that includes either M or R, but N cannot be a conversational group or J and M are together.
26. [4]
M must go with N because R is separate.
27. [3]
28. [2]
JO must be one group and NM must be another, according to the condition.
29. [1]
If the chill comes before the cold, the argument is weakened.
30. [4] 31. [3] 32. [2] 33. [4]
34. [4] 35. [2]
36. [2]
Last paragraph.
37. [4] 38. [3] 39. [4] 40. [1]
41. [4] 42. [1] 43. [2] 44. [3]
45. [4] 46. [4] 47. [3] 48. [1]
49. [4] 50. [1] 51. [4] 52. [2]
53. [2] 54. [1] 55. [3]
56. [3]
The total fruits must be a multiple of 4.
57. [3]
58. [4]
Required probability = $1 - \text{none} = 1 - 1/8 = 7/8$.
59. [4]
We get $x^2 \leq 1$, hence (4) is true
60. [1]
Let the number of faculty be x. Then we get: $(30x + 50)/(x + 5) = 25/1$. On solving we get $x = 15$.
61. [1]
Last digit = $1 \times 9 \times 9 = 1$
62. [1]
For $n = 6$ the expression is equal. Hence $n = 7$.

63. [1]
She is 30 and can work 40 years more, hence 2026.
64. [1]
Substitute $n = 2, 3, 4$ and get the answer.
65. [2]
Substitute $n = 1, 2$ to get the answer.
66. [2]
We can figure out from both the divisibility.
67. [2]
Either statement gives the required information.
68. [3]
Both statements are required to find out the answer.
69. [4]
There can be many numbers in the given interval.
70. [2]
Both statements give the same information.
71. [4]
72. [1]
 $4p$ can be divided by 2 twice.
73. [3]
The formula is $n(n - 1)/2 = 45$.
74. [3]
75. [2]
Total age = $24 \times 60 + 30 \times 50 + 66 \times 15 = 3930$. Average
= $3930/120 = 32.75$.
76. [4]
Divide the figure by drawing straight lines. Then area of the sectors = $1 \times 3 + 2 \times 1 + \frac{1}{2} \times 1 \times 1 \times 4 = 7$.
77. [3]
78. [4]
If we have 110 oranges, $CP = 100$ and $SP = 121$, so profit = 21%.
79. [2]
Starting with 100, we go to 120 and then decrease by 10% to 108. So net increase of 8%.
80. [4]
Factorizing, we get $(n - 2)(n - 4) > 0$, which is satisfied by (4).

81. [3]

82. [4]
 $110 - 85 = 25.$

83. [1]
 $\text{Area} = \frac{\sqrt{3}}{4} \times 16 - \pi(4) \times \frac{1}{2} = 4\sqrt{3} - 2\pi$

84. [4]

85. [1]
No of years = $700/50 = 14.$

86. [3]

87. [3]

88. [1]

89. [4]

90. [4]

91. [1]
"Such a hierarchy may also exist in plants. Oligosaccharins"

92. [1]

93. [4]

94. [4]
"each has more than one effect on the growth and development of plants.

95. [1]

96. [4]

97. [4]

98. [1]

99. [1]

100. [2]

101. [3]

102. [4]

103. [4]

104. [1]

105. [3]

106. [4]

107. [4]

108. [2]

109. [3]

110. [1]

111. [1]
If Flight 106 is at 2, then 104 is at 1, 103 is at 12 and 102 at 11 am.

112. [2]
Flight 102 must leave before 103.

113. [2]
From Q.111

114. [2]

115. [4]

116. [2]

117. [1]

118. [2]

119. [3]

120. [4]

121. [4]

122. [1]

