

- 1 → ② $42 + (4+2) = 42+6 = 48 \rightarrow 48 + (4+8) = 60 \rightarrow 93$
- 2 → ③ Gap 1, 1+7, 8+7, 15+7, 22+7 → 137
- 3 → ① $4+4 = (8)^2 = 64 \rightarrow (6+4)^2 = 100 \rightarrow$ Similarly, $(5+4)^2 = (9)^2 = 81 \rightarrow (8+1)^2 = 81$
- 4 → ③ $8+63+72 = 143, 32+35+76 = 143, 25+84+34 = 143$
- 5 → ② GIHT $\overline{B E D C}$ But not possible in 2
- 6 → ④ DEFY $\overline{A L M N}$ → should be $\overline{D E F W}$
- 7 → ② ^{female} ♀ find children → mothers are among females
- 8 → ④ ^{mother} sparrows are birds but mice not ○○
- 9 → ② B
- 10 → ④ → 56 In 55 seconds he covers 55 feet, in last 56¹/₂ seconds he jumps 5 feet and at top
- 11 → ① → 1296 $\sqrt{4} \times \sqrt{144} \times \sqrt{36} \times \sqrt{81}$
- 12 → ② → 2
$$\begin{array}{r} 21978 \\ \times 4 \\ \hline 87912 \end{array}$$
- 13 → ① → 1
- 14 → ④ → 7
- 15 → ② → R R R
- 16 → ④ → 53124
- 17 → ① $6+3 \times 5 > 4 \times 2+6 \Rightarrow 21 > 14$
- 18 → ③ $2-4-5 < 6 \div 2 \times 2 \Rightarrow -7 < 6$
- 19 → ②
- 20 → ④
- 21 → ②
- 22 → ①
- 23 → ④
- 24 → ① 27 foremsles
- 25 → ② $C > D > A > E > B$

28 → (4) 180

$2^3-2^2 : 4^3-4^2 :: 5^3-5^2 : 16^3-6^2$

29 → (1) 60

$2^3-2 : 3^3-3 :: 4^3-4 :: 5^3-5$

28 → (1)

29 → ~~(1)~~ (3)

30 → ~~(1)~~ (2)

31 → ~~(1)~~ (3)

32 → (4) D=14, R=89, A=12, W=78

33 - (1) ~~B~~ B=11, L=68, D=42 W=69

34 - (1) R=57, A=12, I=31, N=56

35 - (4) HEAT → JIDY Gap 1,3,2,4 letters. ROME → TSPJ

36 - (1) 60 F=3D, M=F-9, M=2Son, Son=DFF
By linear equation All other = 60 yrs

37 - (3) B M V K R Q OR Q R K V M R

38 - (4) $A = 4M = 4 \times 9 = 36 \rightarrow$ (B) $2B = 4M$
(72) $B = 2 \times 9 = 18$ Common multiplier and checked

39 - (2) $B=18, D=18, F=18, H=18$ $BFD + F + H = 18 + 18 + 18 + 18 = 72$

40 - (1) A & A clockwise and e moves Anticlockwise

41 - (1)

42 - (4)

43 - (2)

44 - (3)

45 - (4)

46 - (3)

47 - (4)

48 - (1)

49 - (4)

50 - (3)

Answer Key (Mental Ability)

51 - 3

52 - 4

53 - 1 ($12 \times \frac{14}{2} = 84$; $9 \times \frac{18}{2} = 81$)

54 - 3

55 - 3 (To sum of letters in word add 3)

56 - 2

57 - 1

58 - 3

59 - 2

60 - 1

61 - 3

62 - 1

63 - 4

64 - 2 (Natural calamities)

65 - 3

66 - 3

67 - 3

68 - 4

69 - 1

70 - 2

71 - 3

72 - 3

73 - 1

74 - 3

75 - 4

76 - 1 (Sum of the digits in each other number is 10)

77 - 3 (This is the only group in which one letter has been repeated)

78 - 4 (does not contain any vowel)

79 - 3

80 - 3

81 - 3

82 - 1

83 - 2

84 - 3

85 - 3

86 - 3

87 - 2

88 - 4

89 - 4

90 - 1

91 - 4

92 - 2

93 - 3

94 - 3

95 - 4

96 - 3

97 - 3

98 - 2

99 - 3

100 - 2

Answers Key (SAT)

101 - 4

102 - 3

103 - 1

104 - 1

105 - 3

106 - 4

107 - 3

108 - 3

109 - 2

110 - 4

111 - 3

112 - 1

113 - 1

114 - 4

115 - 4

116 - 2

117 - 4

118 - 3

119 - 4

120 - 3

121 - 3

122 - 1

123 - 4

124 - 3

125 - 1

126 - 4

127 - 3

128 - 2

129 - 1

130 - 3

131 - 4

132 - 4

133 - 1

134 - 1

135 - 3

136 - 1

137 - 4

138 - 2

139 - 2

140 - 4

141 - 1

142 - 1

143 - 4

144 - 3

145 - 2

146 - 2

147 - 2

148 - 2

149 - 3

150 - 2

151 - 3
152 - 2
153 - 2
154 - 2
155 - 2
156 - 3
157 - 3
158 - 4
159 - 1
160 - 3
161 - 1
162 - 3
163 - 1
164 - 3
165 - 2
166 - 1
167 - 3
168 - 3
169 - 3
170 - 1
171 - 3
172 - 3
173 - 1
174 - 3
175 - 3

176 - 4
177 - 2
178 - 4
179 - 1
180 - 2
181 - 4
182 - 2
183 - 1
184 - 3
185 - 3
186 - 3
187 - 2
188 - 3
189 - 1
190 - 2
191 - 4
192 - 1
193 - 3
194 - 3
195 - 2
196 - 1
197 - 3
198 - 2
199 - 2
200 - 4