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Number Series Practice Sheet

Directions : What will come in place of question mark (?) in the following series?

1. 1024 520 268 142 ? 47.5

A. 84 B. 82 C. 79 D. 88 E. None of these

2. 47 48 51 60 87 ?

A. 152 B. 168 C. 172 D. 144 E. None of these

3. 32 16.5 17.5 27.75 57.5 ?

A. 136.25 B. 142.25 C. 146.25 D. 156.25 E. None of these

4. 147 148 150 159 223 ?

A. 448 B. 612 C. 368 D. 848 E. None of these

5. 6 16 34 62 102 ?

A. 156 B. 132 C. 136 D. 142 E. None of these

6. 145 158 119 184 93 ?

A. 198 B. 210 C. 204 D. 220 E. None of these

7. 100 101 102 101 96 ? 66

A. 97 B. 85 C. 108 D. 64 E. None of these

8. 143 151 158 172 182 ?

A. 192 B. 191 C. 190 D. 193 E. None of these

9. 3 10 24 50 ? 170

A. 80 B. 82 C. 120 D. 121 E. None of these

10. 47 78 115 164 231 ?

A. 320 B. 322 C. 324 D. 326 E. None of these

11. 32 35 64 71 104 ? 152

A. 110 B. 114 C. 115 D. 125 E. None of these

12. 19 61 31 47 ? 19

A. 60 B. 65 C. 55 D. 45 E. None of these

13. 4 20 29 38 47 56 ?

A. 65 B. 64 C. 66 D. 62 E. None of these

14. 21 ? 52 80 119 171

A. 33 B. 40 C. 45 D. 50 E. None of these

15. 9 24 69 204 609 ?

A. 1818 B. 1828 C. 1827 D. 1824 E. None of these

16. 768 576 432 324 ? 182.25

A. 245 B. 243 C. 240 D. 256 E. None of these

17. 582 751 555 724 528 ?

A. 699 B. 702 C. 697 D. 695 E. None of these

18. 524 260 128 62 ? 12.5

A. 32 B. 25 C. 33 D. 28 E. None of these

19. 14 33 71 128 204 ?

A. 289 B. 298 C. 225 D. 256 E. None of these

20. 4 4 11 37 100 ?

A. 228 B. 244 C. 224 D. 312 E. None of these

21. 8 12 18 27 40.5 60.75 ?

A. 91.125 B. 88.125 C. 96.125 D. 101.125 E. None of these

22. 4 20 51 105 ? 314

A. 169 B. 190 C. 196 D. 194 E. None of these

23. 13 15 21 37 77 173 ?

A. 349 B. 359 C. 357 D. 397 E. None of these

24. 67 ? 84.5 97 112 129.5 149.5

A. 70 B. 75 C. 73.5 D. 74 E. None of these

25. 8648 8834 9022 9212 9404 9598 ?

A. 9754 B. 9774 C. 9668 D. 9794 E. None of these

26. **3 10 ? 225 1591 14334**

A. 40 B. 48 C. 42 D. 30 E. None of these

27. **23 21 45 131 529 ? 15841**

A. 1058 B. 1587 C. 2116 D. 2639 E. None of these

28. **2 7 63 420 ? 20741**

A. 2968 B. 2940 C. 2912 D. 2989 E. None of these

29. **64 88 152 162 174 ?**

A. 200 B. 302 C. 202 D. 292 E. None of these

30. **462 552 650 756 870 992 ?**

A. 1040 B. 1122 C. 1132 D. 1050 E. None of these

31. **43 47 56 81 130 ?**

A. 215 B. 251 C. 289 D. 231 E. None of these

32. **17 23 83 293 797 ?**

A. 1787 B. 1645 C. 2845 D. 2734 E. None of these

33. **204 205 203 209 185 305 ?**

A. 428 B. 484 C. 416 D. 512 E. None of these

34. **18 23 42 83 154 ?**

A. 265 B. 285 C. 263 D. 312 E. None of these

35. **1022 1009 983 944 892 ?**

A. 798 B. 812 C. 815 D. 827 E. None of these

36. **12 5 9 13 17 ?**

A. 21 B. 22 C. 23 D. 16 E. None of these

37. **1025 1024 1019 1005 975 ?**

A. 920 B. 925 C. 905 D. 912 E. None of these

38. **46 57 70 81 ? 105**

A. 92 B. 94 C. 99 D. 95 E. None of these

39. 196 201 208.5 218.5 231 ?

A. 245 B. 248 C. 250 D. 246 E. None of these

40. 16 16 33 50 67 ?

A. 81 B. 92 C. 72 D. 84 E. None of these

41. 489, 510, 516, 528, 543, 555, ?

A. 569 B. 570 C. 573 D. 568 E. None of these

42. 105 118 111.5 124.5 118 ?

A. 131 B. 129 C. 135 D. 132 E. None of these

43. 81, 91, 109, 146, 221, 351, ?

A. 578 B. 582 C. 591 D. 576 E. None of these

44. 5 3 6 9 ? 15

A. 11 B. 12 C. 13 D. 12.5 E. None of these

45. 540, 538, 534, 526, 510, ?, 414

A. 470 B. 478 C. 474 D. 472 E. None of these

46. 89 91 94 99 ? 117

A. 102 B. 104 C. 106 D. 108 E. None of these

47. 32, 24, 20, 18, 17, ?

A. 16.5 B. 8.5 C. 12.5 D. 18.5 E. None of these

48. 970 849 768 719 694 ?

A. 675 B. 680 C. 685 D. 690 E. None of these

49. 1, 3, 9, 39, 249, 2559, ?

A. 28561 B. 30458 C. 32589 D. 35289 E. None of these

50. 40 59 97 173 325 ?

A. 629 B. 529 C. 539 D. 641 E. None of these

51. 704, 88, 22, 8.25, ?

A. 4.125 B. 6.50 C. 6.25 D. 5.25 E. None of these

52. 452 790 1466 2818 5522 ?

A. 12530 B. 10930 C. 18540 D. 13542 E. None of these

53. 2, 10, 30, 68, 130, ?

A. 221 B. 230 C. 222 D. 225 E. None of these

54. 10000 2000 400 80 16 ?

A. 3.2 B. 1.5 C. 2.5 D. 1.2 E. None of these

55. 1, 4, 15, 28, 57, 88, ?

A. 133 B. 143 C. 157 D. 147 E. None of these

56. 2 10 42 170 682 ?

A. 2560 B. 2760 C. 2730 D. 3030 E. None of these

57. 122, 171, 228, 293, 366, ?

A. 450 B. 455 C. 447 D. 465 E. None of these

58. 200 220 484 1597.2 7027.68 ?

A. 32452.24 B. 40552.24 C. 28650.24 D. 38652.24 E. None of these

59. 13, 15, 19, 27, 43, ?

A. 74 B. 72 C. 73 D. 75 E. None of these

60. 10 11 26 87 364 ?

A. 1654 B. 1845 C. 1945 D. 2045 E. None of these

61. 25 33 54 99 179 ?

A. 243 B. 240 C. 285 D. 305 E. None of these

62. 2 3 10 39 172 ?

A. 340 B. 885 C. 880 D. 251 E. None of these

63. 384 377 356 321 ? 209

A. 328 B. 384 C. 284 D. 272 E. None of these

64. 4 2 3 7.5 26.25 ?

A. 120 B. 125.125 C. 118.125 D. 115.75 E. None of these

65. 5 9 16 32 75 ?

A. 199 B. 200 C. 204 D. 212 E. None of these

66. 15 16 20 29 45 70 106 ?

A. 140 B. 148 C. 158 D. 155 E. None of these

67. 3 16 45 96 175 ?

A. 290 B. 285 C. 288 D. 310 E. None of these

68. 842 ? 2402 3480 4762

A. 1520 B. 1420 C. 1250 D. 1000 E. None of these

69. 3 11 29 67 145 ?

A. 198 B. 303 C. 185 D. 309 E. None of these

70. 1 9 36 100 225 ?

A. 414 B. 424 C. 441 D. 431 E. None of these

71. 2, 12, 36, 80, 150, 252, ?

A. 576 B. 392 C. 354 D. 382 E. None of these

72. 43 41 44 39 46 ?

A. 35 B. 33 C. 39 D. 37 E. None of these

73. 1, 5, 19, 81, 411, ?

A. 1651 B. 2884 C. 1792 D. 2473 E. None of these

74. 0 4 12 76 ?

A. 2888 B. 2892 C. 2762 D. 2766 E. None of these

75. 9, 20, 36, 78, 148, 306, ?

A. 612 B. 638 C. 600 D. 564 E. None of these

76. 14 27 53 105 209 ?

A. 417 B. 418 C. 419 D. 429 E. None of these

77. 17, 33, 64, 124, 240, 464, ?

A. 946 B. 928 C. 986 D. 896 E. None of these

78. 43 54 76 109 153 ?

A. 212 B. 209 C. 215 D. 206 E. None of these

79. 15 19 83 119 631 ?

A. 712 B. 693 C. 683 D. 731 E. None of these

80. 2 3 14 69 340 ?

A. 1800 B. 1825 C. 1850 D. 1875 E. None of these

81. 15 22 40 75 133 ?

A. 243 B. 220 C. 253 D. 245 E. None of these

82. 9827 9706 9606 9525 9461 ?

A. 9520 B. 9421 C. 9412 D. 9425 E. None of these

83. 24 31 52 87 136 ?

A. 183 B. 189 C. 177 D. 199 E. None of these

84. 1991 1964 1900 1775 ?

A. 1569 B. 1625 C. 1659 D. 1595 E. None of these

85. 15 16 31 94 375 1876 ?

A. 12256 B. 11056 C. 10244 D. 11256 E. None of these

86. 7 56 92 117 133 ?

A. 148 B. 138 C. 135 D. 147 E. None of these

87. 15 8 9 ? 32 82.5 250.5

A. 12 B. 15 C. 25 D. 26 E. None of these

88. 3 17 45 87 143 ?

A. 183 B. 163 C. 203 D. 213 E. None of these

89. 1 9 61 497 4981 ?

A. 56108 B. 58407 C. 59415 D. 59785 E. 57108

90. 4 2 2 3 6 ?

A. 12 B. 15 C. 24 D. 18 E. None of these

91. 2 5 23 119 ? 4079

A. 611 B. 659 C. 451 D. 320 E. 560

92. 729 730 734 761 1017 ?

A. 4142 B. 2034 C. 3151 D. 3868 E. None of these

93. 3 4 14 73 515 ?

A. 4644 B. 4678 C. 4640 D. 3446 E. 3648

94. **512 256 256 384 768 ?**

A. 1512 B. 1920 C. 1880 D. 1890 E. None of these

95. **7 16 30 62 122 ?**

A. 242 B. 240 C. 246 D. 244 E. 248

96. **0 2 28 93 217 ?**

A. 432 B. 433 C. 434 D. 435 E. None of these

97. **11043 11056 11045 11054 11047 ?**

A. 11051 B. 11049 C. 10521 D. 11056 E. 11052

98. **125 126 130 139 155 180 ?**

A. 216 B. 225 C. 210 D. 226 E. None of these

99. **256 128 192 480 ? 7560**

A. 1824 B. 1680 C. 1856 D. 1632 E. 1864

100. **1331 1431 1631 1931 2331 ?**

A. 3431 B. 2831 C. 3131 D. 2531 E. None of these

Directions: Find the wrong term in the given series:

101. **32 75 144 244 567 800 1089**

A. 32 B. 75 C. 244 D. 800 E. 1089

102. **2 3 6 15 45 156.5 630**

A. 3 B. 45 C. 15 D. 6 E. 156.5

103. **7 8 20 69 290 1485 8946**

A. 8 B. 69 C. 20 D. 290 E. 1485

104. **21 ? 73 138 229 346**

A. 45 B. 34 C. 20 D. 15 E. None of these

105. **11 132 301 590 954 1480**

A. 590 B. 132 C. 301 D. 954 E. 1480

106. **64 33 34 53 105 263.5**

A. 64 B. 33 C. 53 D. 105 E. 34

107. **81 27 27 45 110 315**

A. 27 B. 45 C. 110 D. 315 E. 81

108. **11 20 38 74 144 290 578**

A. 144 B. 38 C. 290 D. 74 E. 578

109. **499 491 464 400 275 59**

A. 499 B. 491 C. 464 D. 400 E. All terms are correct

110. **625 663 755 745 863 835**

A. 663 B. 755 C. 745 D. 863 E. 835

111. $\frac{15}{8}, \frac{35}{8}, \frac{105}{16}, \frac{693}{80}, \frac{429}{40}, \frac{715}{56}, \frac{1615}{96}$

A. 15/8 B. 105/16 C. 693/80 D. 715/56 E. 1615/96

112. **36** **20** **12** **8** **6** **5.5** **4.5**

A. 5.5 B. 6 C. 12 D. 20 E. 8

113. **3 14** **47** **146** **453** **1334** **4007**

A. 14 B. 44 C. 146 D. 1334 E. 453

114. **1 ?** **6** **21** **88** **445**

A. 14 B. 2 C. 8 D. 5 E. None of these

115. **9 28** **67** **121** **221** **337**

A. 9 B. 67 C. 28 D. 121 E. 221

116. **105** **116** **94** **138** **55** **226**

A. 94 B. 55 C. 138 D. 116 E. 226

117. **15** **30** **90** **460** **3150** **34650**

A. 34650 B. 460 C. 3150 D. 30 E. 90

118. **1 8** **36** **148** **586** **2388**

A. 8 B. 586 C. 2388 D. 148 E. 36

119. **7 27** **93** **301** **915** **2775** **8361**

A. 93 B. 301 C. 915 D. 2775 E. All terms are correct

120. **2 4** **10** **34** **152** **874**

A. 874 B. 152 C. 34 D. 10 E. 4

121. **12** **13** **25** **38** **63** **104** **164**

A. 63 B. 25 C. 38 D. 104 E. 164

122. **1 3** **9** **31** **128** **651** **3913**

A. 651 B. 128 C. 31 D. 9 E. 3

123. **16** **31** **61** **107** **166** **241** **331**

A. 31 B. 61 C. 107 D. 166 E. 331

124. **48 ? 36 90 315 1417.5**

A. 16 B. 30 C. 45 D. 24 E. None of these

125. **28 14.5 15.5 24.75 51.5 133.25 396.75**

A. 14.5 B. 24.75 C. 51.5 D. 133.25 E. 396.75

126. **40 56 124 264 520 920**

A. 56 B. 40 C. 124 D. 264 E. 920

127. **1 2 6 12 24 30**

A. 2 B. 12 C. 6 D. 30 E. 24

128. **10 14.5 23.5 41.5 77.5 148.5**

A. 14.5 B. 148.5 C. 41.5 D. 77.5 E. 23.5

129. **201 196 181 146 121 76 21**

A. 201 B. 196 C. 181 D. 146 E. All terms are correct

130. **40 45 135 442.5 1285 3837.5**

A. 135 B. 45 C. 442.5 D. 1285 E. 3837.5

131. **287496 274625 262144 246078 238328 226981 216000**

A. 287496 B. 274625 C. 262144 D. 246078 E. 216000

132. **2 3 10 40 172 885 5346**

A. 3 B. 855 C. 40 D. 172 E. 10

133. **51 55 71 108 171 271 415**

A. 71 B. 108 C. 171 D. 271 E. 415

134. **9 11 15 ? 39 71**

A. 22 B. 28 C. 23 D. 19 E. None of these

135. **15 60 17 58 23 52 53 40**

A. 17 B. 53 C. 40 D. 23 E. None of these

136. **10 12 40 228 1450 13060**

A. 40 B. 1450 C. 228 D. 12 E. 13060

137. **120 119 123 116 130 105**

A. 116 B. 130 C. 119 D. 123 E. 105

138. **131 159 189 221 245 291**

A. 291 B. 245 C. 221 D. 189 E. 159

139. **8 37 229 1841 18421 231065**

A. 8 B. 18421 C. 231065 D. 229 E. All terms are correct

140. **2 11 32 71 134 229**

A. 71 B. 134 C. 229 D. 11 E. 32

141. **42 63 94.5 141.75 212.92 318.9375**

A. 94.5 B. 63 C. 42 D. 212.92 E. 318.9375

142. **5 8 16 26 50 98 194**

A. 8 B. 26 C. 50 D. 16 E. 98

143. **14 15.5 32.5 99 397.5 1990 11935.5**

A. 14 B. 15.5 C. 99 D. 1990 E. 397.5

144. **38 42 106 142 654 ?**

A. 854 B. 823 C. 754 D. 789 E. None of these

145. **20 33 50 75 96 125**

A. 75 B. 96 C. 125 D. 33 E. None of these

146. **1 4 12 27 51 85 134**

A. 51 B. 27 C. 85 D. 4 E. 12

147. **482 496 515 528 539 556**

A. 539 B. 528 C. 556 D. 496 E. 515

148. **10 10 20 60 240 1200 8400**

A. 20 B. 60 C. 240 D. 1200 E. 8400

149. **0 10 34 82 148 250**

A. 148 B. 34 C. 0 D. 82 E. All terms are correct

150. **732 744 758 780 795 816**

A. 744 B. 758 C. 780 D. 795 E. 816

151. **4 2 3.5 7.5 26.25 118.125**

A. 118.125 B. 26.25 C. 3.5 D. 2 E. 7.5

152. **8 59 358 1796 7186 21565**

A. 59 B. 358 C. 1796 D. 7186 E. 21565

153. **11 12 23 70 281 1396 8375**

A. 8375 B. 23 C. 70 D. 281 E. None of these

154. **42 163 332 621 ? 1511**

A. 950 B. 1026 C. 956 D. 1002 E. None of these

155. **19 20.5 42.5 129 517.5 2590 15535.5**

A. 19 B. 20.5 C. 129 D. 2590 E. 15535.5

156. **60 86 189 413 814 1440**

A. 413 B. 189 C. 814 D. 1440 E. 86

157. **100 221 365 534 730 965**

A. 365 B. 534 C. 965 D. 730 E. 221

158. **37 46 71 120 191 322 491**

A. 46 B. 322 C. 191 D. 71 E. 491

159. **1 0 6 –3 40 100**

A. 0 B. 6 C. –3 D. 40 E. 100

160. **7 14 32 60 132 186**

A. 32 B. 14 C. 186 D. 132 E. 60

161. **7 9 16 25 41 68 107 173**

A. 107 B. 16 C. 41 D. 68 E. 25

162. **1250 1201 1166 1140 1124 1115 1111**

A. 1111 B. 1201 C. 1140 D. 1166 E. 1124

163. **15 8 9 15 32 92.5 250.5**

A. 8 B. 9 C. 15 D. 92.5 E. None of these

164. **11 20 43 88 ? 276**

A. 159 B. 129 C. 163 D. 175 E. None of these

165. **25 40 70 125 175 250 340**

A. 40 B. 70 C. 125 D. 175 E. 340

166. **49 57 84 207 552 1883**

A. 1883 B. 57 C. 84 D. 207 E. 552

167. **121 170 265 464 856 1640**

A. 265 B. 170 C. 464 D. 856 E. 1640

168. **95 142 187 260 331 410**

A. 95 B. 187 C. 142 D. 331 E. 260

169. **144 361 703 1215 1944 2944**

A. 361 B. 703 C. 1215 D. 1944 E. 2944

170. **19 32 48 71 99 134**

A. 48 B. 19 C. 99 D. 134 E. 71

171. **16 19 21 30 46 71 107**

A. 19 B. 21 C. 30 D. 46 E. 71

172. **12 7 8 13 27 69 206.5**

A. 13 B. 69 C. 27 D. 8 E. 206.5

173. **87 116 174 261 397 522**

A. 397 B. 174 C. 261 D. 87 E. 522

174. **6 ? 39 83 171 347**

A. 21 B. 10 C. 11 D. 17 E. None of these

175. **9 20 53 152 451 1340 4013**

A. 20 B. 53 C. 4013 D. 09 E. 451

176. **550 560 571 584 601 610**

A. 560 B. 571 C. 610 D. 584 E. 601

177. **45 95 195 345 535 795**

A. 795 B. 535 C. 95 D. 195 E. 345

178. **3 5 15 41 90 173**

A. 5 B. 15 C. 90 D. 41 E. 173

179. **24 32 42 56 78 104**

A. 24 B. 42 C. 32 D. 78 E. 56

180. **– 4 16 –12 32 –20 96**

A. 16 B. –12 C. 32 D. –20 E. 96

181. **16 4 2 1.5 1.75 1.875**

A. 1.875 B. 1.75 C. 1.5 D. 2 E. 4

182. **17 23 35 59 108 203 395**

A. 395 B. 23 C. 108 D. 59 E. 35

183. **2 10 30 60 130 210**

A. 2 B. 30 C. 10 D. 222 E. 60

184. **156 ? 186 312 656 1386**

A. 158 B. 175 C. 169 D. 161 E. None of these

185. **35 43 50 55 60 76 89 106**

A. 106 B. 89 C. 76 D. 60 E. 43

186. **1022 1015 1001 975 917 805**

A. 975 B. 917 C. 805 D. 1001 E. 1015

187. **169 168 172 164 188 68**

A. 172 B. 168 C. 188 D. 88 E. 164

188. **9 10 19 57 231 1156 6935**

A. 9 B. 19 C. 57 D. 231 E. 1156

189. **40 37 45 30 54 20**

A. 37 B. 45 C. 30 D. 54 E. 20

190. **3 14 39 80 155 258**

A. 258 B. 39 C. 80 D. 155 E. 14

191. **2 11 38 197 1172 8227 65806**

A. 11 B. 38 C. 197 D. 1172 E. 8227

192. **221 230 256 320 445 661 1004**

A. 320 B. 256 C. 445 D. 230 E. 661

193. **270 246 370 334 550 501**

A. 370 B. 246 C. 550 D. 501 E. 334

194. **22 20 37 107 423 ?**

A. 2209 B. 2345 C. 1963 D. 1576 E. None of these

195. **70 105 150 350 710 2085 4150**

A. 350 B. 2085 C. 150 D. 710 E. 4150

196. **17** **26** **54** **98** **161** **260**

A. 54 B. 98 C. 161 D. 26 E. 260

197. **121** **145** **172** **200** **230** **264**

A. 264 B. 230 C. 200 D. 172 E. 145

198. **12061** **8686** **6489** **5158** **4429** **4088** **3961**

A. 6489 B. 4429 C. 8686 D. 5158 E. 4088

199. **86** **87** **92** **98** **106**

A. 87 B. 86 C. 92 D. 98 E. 106

200. **6 12** **24** **42** **66** **95**

A. 12 B. 24 C. 42 D. 66 E. 95

Answer Key									
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
C	B	C	D	A	B	B	D	C	B
11	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
C	C	A	A	D	B	C	E	E	C
21	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**
A	B	D	E	D	C	D	A	C	B
31	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**
B	A	E	C	D	A	A	B	D	D
41	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**
B	A	D	B	B	C	A	C	C	A
51	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**
A	B	C	A	B	C	C	D	D	B
61	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**
D	B	D	C	A	D	C	A	B	C
71	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**80**
B	A	B	B	C	A	D	E	D	B
81	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**	**90**
B	C	D	E	E	E	B	D	D	B
91	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**
B	A	C	B	C	C	E	A	B	B

Answer Key									
101	**102**	**103**	**104**	**105**	**106**	**107**	**108**	**109**	**110**
C	E	D	B	D	C	C	A	E	D
111	**112**	**113**	**114**	**115**	**116**	**117**	**118**	**119**	**120**
E	A	E	B	C	B	B	B	B	B
121	**122**	**123**	**124**	**125**	**126**	**127**	**128**	**129**	**130**
D	B	C	D	D	C	E	B	D	A
131	**132**	**133**	**134**	**135**	**136**	**137**	**138**	**139**	**140**
D	C	D	C	B	C	A	B	C	C
141	**142**	**143**	**144**	**145**	**146**	**147**	**148**	**149**	**150**
D	D	D	C	A	C	B	E	D	B
151	**152**	**153**	**154**	**155**	**156**	**157**	**158**	**159**	**160**
C	C	D	E	D	B	C	C	E	D
161	**162**	**163**	**164**	**165**	**166**	**167**	**168**	**169**	**170**
D	D	D	C	C	D	A	B	A	A
171	**172**	**173**	**174**	**175**	**176**	**177**	**178**	**179**	**180**
A	B	A	D	E	C	B	C	D	C
181	**182**	**183**	**184**	**185**	**186**	**187**	**188**	**189**	**190**
B	C	C	A	D	A	A	C	E	A
191	**192**	**193**	**194**	**195**	**196**	**197**	**198**	**199**	**200**
D	D	B	E	A	A	A	E	A	E

Explanation:

1.

Series Pattern	Series	
1024	1024	
1024 ÷ 2 + 8	520	
520 ÷ 2 + 8	268	
268 ÷ 2 + 8	142	
142 ÷ 2 + 8	**79**	✓
79 ÷ 2 + 8	47.5	

Hence, option C is correct.

2.

Series Pattern	Given Series	
47	47	
47 + 1 = 48	48	
48 + 3 = 51	51	
51 + 9 = 60	60	
60 + 27 = 87	87	
87 + 81 = 168	**168**	✓

Hence, option (B) is correct.

3.

Series Pattern	Given Series	
32	32	✓
$32 \times \frac{1}{2} + \frac{1}{2} = 16.5$	16.5	
$16.5 \times 1 + 1 = 17.5$	17.5	
$17.5 \times \frac{3}{2} + \frac{3}{2} = 27.75$	27.75	
$27.75 \times 2 + 2 = 57.5$	57.5	
$57.5 \times \frac{5}{2} + \frac{5}{2} = 146.25$	**146.25**	✓

Hence, option (C) is correct.

4.

Series Pattern	Given Series	
147	147	
$147 + 1^0 = 148$	148	
$148 + 2^1 = 150$	150	
$150 + 3^2 = 159$	159	
$159 + 4^3 = 223$	223	
$223 + 5^4 = 848$	**848**	✓

Hence, option (D) is correct.

5.

Series Pattern	Given Series	
6	6	
6 + 2 × 5	16	
16 + 3 × 6	34	
34 + 4 × 7	62	
62 + 5 × 8	102	
102 + 6 × 9	**156**	✓

Hence, option (A) is correct.

6.

Series Pattern	Given Series	
145	145	
145 + 13 ×1 = 158	158	
158 – 13 × 3 = 119	119	
119 + 13 × 5 = 184	184	
184 – 13 × 7 = 93	93	
93 + 13 × 9 = 210	**210**	✓

Hence, option (B) is correct.

7.

Series Pattern	Given Series	
100 – $(2)^2$ + 5	101	
101 – $(3)^2$ + 10	102	
102 – $(4)^2$ + 15	101	
101 – $(5)^2$ + 20	96	
96 – $(6)^2$ + 25	**85**	✓
85 – $(7)^2$ + 30	66	

Hence, option B is correct.

8.

Series Pattern	Given Series	
143	143	
143 + (1 + 4 + 3) = 151	151	
151 + (1 + 5 + 1) = 158	158	
158 + (1 + 5 + 8) =172	172	
172 + (1 + 7 + 2) = 182	182	
182 + (1 + 8 + 2) = 193	**193**	✓

Hence, option (D) is correct.

9.

Series Pattern	Given Series	
2^2 – 1	3	
3^2 + 1	10	
5^2 – 1	24	
7^2 + 1	50	
11^2 – 1	**120**	✓
13^2 + 1	170	

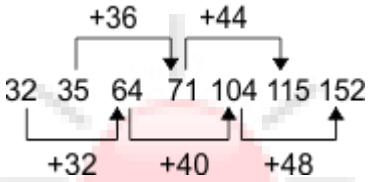
Hence, option C is correct.

10.

Series Pattern	Given Series	
47	47	
47 + 31 = 78	78	
78 + (31 + 6) = 115	115	
115 + (37 + 12) = 164	164	
164 + (49 + 18) = 231	231	
231 + (67 + 24) = 322	**322**	✓

Hence, option (B) is correct.

11.



Hence, option (C) is correct.

12.

1st series: 19 31 55

Pattern: 19 + 12 = 31, 31 + 24 = **55**

2nd series: 61 47 19

Pattern: 61 – 14 = 47, 45 – 28 = 17

Hence, option C is correct.

13.

Series Pattern	Given Series	
4	4	
4 × 4 + 4 = 20	20	
4 × 6 + 5 = 29	29	
4 × 8 + 6 = 38	38	
4 × 10 + 7 = 47	47	
4 × 12 + 8 = 56	56	
4 × 14 + 9 = 65	**65**	✓

Hence, option (A) is correct.

14.

Series Pattern	Series	
21	21	
21 + 12	33	✓
33 + 12 + 7	52	
52 + 19 + 9	80	
80 + 28 + 11	119	
119 + 39 + 13	171	

Hence, option (A) is correct.

15.

Series Pattern	Given Series	
9	9	
9 + 15 = 24	24	
24 + 15 × 3 = 69	69	
69 + 15 × 3 × 3 = 204	204	
204 + 15 × 3 × 3 × 3 = 609	609	
609 + 15 × 3 × 3 × 3 × 3 = 1824	**1824**	✓

Hence, option (D) is correct.

16.

Series Pattern	Series	
768	768	
768 × 3/4	576	
576 × 3/4	432	
432 × 3/4	324	
324 × 3/4	**243**	✓
243 × 3/4	182.25	

Hence, option (B) is correct.

17.

Series Pattern	Given Series	
582	582	
582 + 169 = 751	751	
751 – 196 = 555	555	
555 + 169 = 724	724	
724 – 196 = 528	528	
528 + 169 = 697	**697**	✓

Hence, option (C) is correct.

18.

Series Pattern	Series	
524	524	
524 ÷ 2 – 2	260	
260 ÷ 2 – 2	128	
128 ÷ 2 – 2	62	
62 ÷ 2 – 2	**29**	✓
29 ÷ 2 – 2	12.5	

Hence, option (E) is correct.

19.

Series Pattern	Given Series	
14	14	
14 + 19 = 33	33	
33 + 19 × 2 = 71	71	
71 + 19 × 3 = 128	128	
128 + 19 × 4 = 204	204	
204 + 19 × 5 = 299	**299**	✓

Hence, option (E) is correct.

20.

Series Pattern	Series	
4	4	
$4 + 1^3 - 1$	4	
$4 + 2^3 - 1$	11	
$11 + 3^3 - 1$	37	
$37 + 4^3 - 1$	100	
$100 + 5^3 - 1$	**224**	✓

Hence, option (C) is correct.

21.

Series Pattern	Given Series	
8	8	
8 × 1.5	12	
12 × 1.5	18	
18 × 1.5	27	
27 × 1.5	40.5	
40.5 × 1.5	60.75	
60.75 × 1.5	**91.125**	✓

Hence, option (A) is correct.

22.

Series Pattern	Given Series	
4	4	
$4 + 2^2 + 12 = 20$	20	
$20 + 4^2 + 15 = 51$	51	
$51 + 6^2 + 18 = 105$	105	
$105 + 8^2 + 21 = 190$	**190**	✓
$190 + 10^2 + 24 = 314$	314	

Hence, option (B) is correct.

23.

Series Pattern	Given Series	
13	13	
$13 + 2 \times 1 = 15$	15	
$13 + 2^2 \times 2 = 21$	21	
$13 + 2^3 \times 3 = 37$	37	
$13 + 2^4 \times 4 = 77$	77	
$13 + 2^5 \times 5 = 173$	173	
$13 + 2^6 \times 6 = 397$	**397**	✓

Hence, option (D) is correct.

24.

Series Pattern	Given Series	
67	67	
$67 + 7.5 = 74.5$	**74.5**	✓
$74.5 + 10 = 84.5$	84.5	
$84.5 + 12.5 = 97$	97	
$97 + 15 = 112$	112	
$112 + 17.5 = 129.5$	129.5	
$129.5 + 20 = 149.5$	149.5	

Hence, option (E) is correct.

25.

Series Pattern	Given Series	
$93^2 - 1$	8648	
$94^2 - 2$	8834	
$95^2 - 3$	9022	
$96^2 - 4$	9212	
$97^2 - 5$	9404	
$98^2 - 6$	9598	
$99^2 - 7$	**9794**	✓

Hence, option (D) is correct.

26.

Series Pattern	Given Series	
3	3	
$3 \times 1 + (1 \times 7) = 10$	10	
$10 \times 3 + (2 \times 6) = 42$	**42**	✓
$42 \times 5 + (3 \times 5) = 225$	225	
$225 \times 7 + (4 \times 4) = 1591$	1591	
$1591 \times 9 + (5 \times 3) = 14334$	14334	

Hence, option (C) is correct.

27.

Series Pattern	Given Series	
23	23	
23 × 1 – 2 = 21	21	
21 × 2 + 3 = 45	45	
45 × 3 – 4 = 131	131	
131 × 4 + 5 = 529	529	
529 × 5 – 6 = 2639	**2639**	✓
2639 × 6 + 7 = 15841	15841	

Hence, option (D) is correct.

28.

Series Pattern	Given Series	
2	2	
(2 × 7) – 7 = 7	7	
(7 × 7) + 14 = 63	63	
(63 × 7) – 21 = 420	420	
(420 × 7) + 28 = 2968	**2968**	✓
(2968 × 7) – 35 = 20741	20741	

Hence, option (A) is correct.

29.

Series Pattern	Given Series	
64	64	
64 + (6 × 4) = 88	88	
88 + (8 × 8) = 152	152	
152 + (1 × 5 × 2) = 162	162	
162 + (1 × 6 × 2) = 174	174	
174 + (1 × 7 × 4) = 202	**202**	✓

Hence, option (C) is correct.

30.

Series Pattern	Given Series	
462	462	
462 + 90 = 552	552	
552 + 90 + 8 = 650	650	
650 + 98 + 8 = 756	756	
756 + 106 + 8 = 870	870	
870 + 114 + 8 = 992	992	
992 + 122 + 8 = 1122	**1122**	✓

Hence, option (B) is correct.

31.

Series Pattern	Given Series	
43	43	
$43 + 2^2 = 47$	47	
$47 + 3^2 = 56$	56	
$56 + 5^2 = 81$	81	
$81 + 7^2 = 130$	130	
$130 + 11^2 = 164$	**251**	✓

Hence, option (B) is correct.

32.

Series Pattern	Given Series	
17	17	
$17 + (1 \times 2 \times 3)$	23	
$23 + (3 \times 4 \times 5)$	83	
$83 + (5 \times 6 \times 7)$	293	
$293 + (7 \times 8 \times 9)$	797	
$797 + (9 \times 10 \times 11)$	**1787**	✓

Hence, option A is correct.

33.

Series Pattern	Given Series	
204	204	
204 + 1 = 205	205	
205 – (1 × 2) = 203	203	
203 + (1 × 2 × 3) = 209	209	
209 – (1 × 2 × 3 × 4) = 185	185	
185 + (1 × 2 × 3 × 4 × 5) = 305	305	
305 – (1 × 2 × 3 × 4 × 5 × 6) = – 415	– **415**	✓

Hence, option (E) is correct.

34.

Series Pattern	Given Series	
18	18	
18 + (2^2 + 1)	23	
23 + (4^2 + 3)	42	
42 + (6^2 + 5)	83	
83 + (8^2 + 7)	154	
154 + (10^2 + 9)	**263**	✓

Hence, option (C) is correct.

35.

Series Pattern	Given Series	
1022	1022	
1022 – 13 = 1009	1009	
1009 – 13 × 2 = 983	983	
983 – 13 × 3 = 944	944	
944 – 13 × 4 = 892	892	
892 – 13 × 5 = 827	**827**	✓

Hence, option (D) is correct.

36.

Series Pattern	Given series	
12	12	
$12 \times \frac{1}{3} + 1$	5	
$12 \times \frac{2}{3} + 1$	9	
$12 \times \frac{3}{3} + 1$	13	
$12 \times \frac{4}{3} + 1$	17	
$12 \times \frac{5}{3} + 1$	**21**	✓

Hence, option (A) is correct.

37.

Series Pattern	Given Series	
1025	1025	
$1025 - (1^2) = 1024$	1024	
$1024 - (1^2 + 2^2) = 1019$	1019	
$1019 - (1^2 + 2^2 + 3^2) = 1005$	1005	
$1005 - (1^2 + 2^2 + 3^2 + 4^2) = 975$	975	
$975 - (1^2 + 2^2 + 3^2 + 4^2 + 5^2) = 920$	**920**	✓

Hence, option (A) is correct.

38.

Series Pattern	Given Series	
46	46	
46 + 11	57	
57 + 13	70	
70 + 11	81	
81 + 13	**94**	✓
94 + 11	105	

Hence, option (B) is correct.

39.

Series Pattern	Given Series	
196	196	
$196 + 5 \times 1 = 201$	201	
$201 + 5 \times 1.5 = 208.5$	208.5	
$208.5 + 5 \times 2 = 218.5$	218.5	
$218.5 + 5 \times 2.5 = 231$	231	
$231 + 5 \times 3 = 246$	**246**	✓

Alternate Solution:-

As we can see the difference between the numbers are 5 , 7.5, 10, 12.5 respectively and it is in AP with common difference 2.5.So to get the last term we need to add (12.5 + 2.5) = 15.So the last term will be 231 + 15 =246

Hence, option (D) is correct.

40.

Series Pattern	Given Series	
16	16	
16 × 1 + 0	16	
16 × 2 + 1	33	
16 × 3 + 2	50	
16 × 4 + 3	67	
16 × 5 + 4	**84**	✓

Hence, option (D) is correct.

41.

Series Pattern	Given Series	
489	489	
489 + (4 + 8 + 9) = 510	510	
510 + (5 + 1 + 0) = 516	516	
516 + (5 + 1 + 6) = 528	528	
528 + (5 + 2 + 8) = 543	543	
543 + (5 + 4 + 3) = 555	555	
555 + (5 + 5 + 5) = 570	**570**	✓

Hence, option (B) is correct.

42.

Series Pattern	Given Series	
105	105	
105 + 13 = 118	118	
118 – 6.5 = 111.5	111.5	
111.5 + 13 = 124.5	124.5	
124.5 – 6.5 = 118	118	
118 + 13 = 131	**131**	✓

Hence, option (A) is correct.

43.

Series Pattern	Given Series	
81	81	
81 + (1^3 + 8 + 1) = 91	91	
91 + (2^3 + 9 + 1) = 109	109	
109 + (3^3 + 1 + 0 + 9) = 146	146	
146 + (4^3 + 1 + 4 + 6) = 221	221	
221 + (5^3 + 2 + 2 + 1) = 351	351	
351 + (6^3 + 3 + 5 + 1) = 576	**576**	✓

Hence, option (D) is correct.

44.

Series Pattern	Given Series	
5	5	
5 × 0.5 + 0.5 = 3	3	
5 × 1 + 1 = 6	6	
5 × 1.5 + 1.5 = 9	9	
5 × 2 + 2 = 12	**12**	✓
5 × 2.5 + 2.5 = 15	15	

Hence, option (B) is correct.

45.

Series Pattern	Given Series	
540	540	
540 – 2 = 538	538	
538 – 4 = 534	534	
534 – 8 = 526	526	
526 – 16 = 510	510	
510 – 32 = 478	**478**	✓
478 – 64 = 414	414	

Hence, option (B) is correct.

46.

Series Pattern	Given Series	
89	89	
89 + 2 = 91	91	
91 + 3 = 94	94	
94 + 5 = 99	99	
99 + 7 = 106	**106**	✓
106 + 11 = 117	117	

Hence, option (C) is correct.

47.

Series Pattern	Given Series	
32	32	
32 ÷ 2 + 8	24	
24 ÷ 2 + 8	20	
20 ÷ 2 + 8	18	
18 ÷ 2 + 8	17	
17 ÷ 2 + 8	**16.5**	✓

Hence, option (A) is correct.

48.

Series Pattern	Given Series	
970	970	
$970 - 11^2$	849	
$849 - 9^2$	768	
$768 - 7^2$	719	
$719 - 5^2$	694	
$694 - 3^2$	**685**	✓

Hence, option (C) is correct.

49.

Series Pattern	Given Series	
1	1	
1 + 2 = 3	3	
3 + 2 × 3 = 9	9	
9 + 2 × 3 × 5 = 39	39	
39 + 2 × 3 × 5 × 7 = 249	249	
249 + 2 × 3 × 5 × 7 × 11 = 2559	2559	
2559 + 2 × 3 × 5 × 7 × 11 × 13 = 32589	**32589**	✓

Hence, option (C) is correct.

50.

Series Pattern	Given Series	
40	40	
40 + 19	59	
59 + 19 × 2	97	
97 + 38 × 2	173	
173 + 76 × 2	325	
325 + 152 × 2	**629**	✓

Hence, option (A) is correct.

51.

Series Pattern	Given Series	
704	704	
704 × (1/8) = 88	88	
88 × (2/8) = 22	22	
22 × (3/8) = 8.25	8.25	
8.25 × (4/8) = 4.125	**4.125**	✓

Hence, option (A) is correct.

52.

Series Pattern	Given Series	
452	452	
452 + 338	790	
790 + 676	1466	
1466 + 1352	2818	
2818 + 2704	5522	
5522 + 5408	**10930**	✓

Hence, option (B) is correct.

53.

Series Pattern	Given Series	
$1^3 + 1 = 2$	2	
$2^3 + 2 = 10$	10	
$3^3 + 3 = 30$	30	
$4^3 + 4 = 68$	68	
$5^3 + 5 = 130$	130	
$6^3 + 6 = 222$	**222**	✓

Hence, option (C) is correct.

54.

Series Pattern	Given Series	
10000	10000	
10000 ÷ 5	2000	
2000 ÷ 5	400	
400 ÷ 5	80	
80 ÷ 5	16	
16 ÷ 5	**3.2**	✓

Hence, option (A) is correct.

55.

Series Pattern	Given Series	
1	1	
$1 + (2^2 - 1) = 4$	4	
$4 + (3^2 + 2) = 15$	15	
$15 + (4^2 - 3) = 28$	28	
$28 + (5^2 + 4) = 57$	57	
$57 + (6^2 - 5) = 88$	88	
$88 + (7^2 + 6) = 143$	**143**	✓

Hence, option (B) is correct.

56.

Series Pattern	Given Series	
2	2	
2 × 4 + 2	10	
10 × 4 + 2	42	
42 × 4 + 2	170	
170 × 4 + 2	682	
682 × 4 + 2	**2730**	✓

Hence, option (C) is correct.

57.

Series Pattern	Given Series	
$11^2 + 1 = 122$	122	
$13^2 + 2 = 171$	171	
$15^2 + 3 = 228$	228	
$17^2 + 4 = 293$	293	
$19^2 + 5 = 366$	366	
$21^2 + 6 = 447$	**447**	✓

Hence, option (C) is correct.

58.

Series Pattern	Given Series	
200	200	
200 × 1.1	220	
220 × 2.2	484	
484 × 3.3	1597.2	
1597.2 × 4.4	7027.68	
7027.68 × 5.5	**38652.24**	✓

Hence, option (D) is correct.

59.

Series Pattern	Given Series	
13	13	
13 + 2 = 15	15	
15 + 2^2 = 19	19	
19 + 2^3 = 27	27	
27 + 2^4 = 43	43	
43 + 2^5 = 75	**75**	✓

Hence, option (D) is correct.

60.

Series Pattern	Given Series	
10	10	
$10 \times 1 + 1^2$	11	
$11 \times 2 + 2^2$	26	
$26 \times 3 + 3^2$	87	
$87 \times 4 + 4^2$	364	
$364 \times 5 + 5^2$	**1845**	✓

Hence, option (B) is correct.

61.

Series I	:	25		33		54		99		179		**?**
Series II	:		8		21		45		80		**?**	
Series III	:			13		24		35		**?**		
Series IV	:				11		11		11			
						0		0				

Clearly, the pattern in series III is +11.

So, the missing term in series III = 35 + 11 = 46;

∴ missing term in series II = 80 + 46 = 126;

∴ missing term in series I = 126 + 179 = 305.

Finally the series will become as follows:

Series I	:	25		33		54		99		179		**305**
Series II	:		8		21		45		80		**126**	
Series III	:			13		24		35		**46**		
Series IV	:				11		11		11			
						0		0				

Hence, option D is correct.

62.

Series Pattern	Given Series	
2	2	
2 × 1 + 1 = 3	3	
3 × 2 + 4 = 10	10	
10 × 3 + 9 = 39	39	
39 × 4 + 16 = 172	172	
172 × 5 + 25 = 885	**885**	✓

Hence, option (B) is correct.

63.

Series Pattern	Given Series	
384	384	
384 – **7** (=1×7) = 377	377	
377 – **21** (=3×7) = 356	356	
356 – **35** (=5×7) = 321	321	
321 – **49** (=7×7) = **272**	**272**	✓
272 – **63** (=9×7) = 209	209	

Approach II: Triangular Method

Series I	**:**	384		377		356		321	**?**		209
Series II	**:**		–7		–21		–35	**?**		**?**	
Series III	**:**			–14		–14		–14	–14		
Series IV	**:**				0		0				

Clearly, the pattern in series II is –14.So, the missing term in series II = –14 – 35 = –49; and the next missing term in series II = –14 – 49 = –63; ∴ missing term in series I = 321 – 49 = 272.

Finally the series will become as follows:

Series I	**:**	384		377		356		321		**272**		209
Series II	**:**		–7		–21		–35		**–49**		**–63**	
Series III	**:**			–14		–14		–14		–14		
Series IV	**:**				0		0		0			

Hence, option D is correct.

64.

Series Pattern	**Given Series**	
4	4	
4 × 0.5 = 2	2	
2 × 1.5 = 3	3	
3 × 2.5 = 7.5	7.5	
7.5 × 3.5 = 26.25	26.25	
26.25 × 4.5 = 118.125	**118.125**	✓

Hence, option (C) is correct.

65.

Series I	**:**	5	9	16	32	75	**?**
Series II	**:**	4	7	16	43	**?**	
Series III	**:**	3	9	27	**?**		
Series IV	**:**		×3	×3	×3		

Clearly, the pattern in series III is multiples of 3.

So, the missing term in series III = 27 × 3 = 81

∴ missing term in series II = 43 + 81 = 124;

∴ missing term in series I = 75 + 124 = 199.Finally the series become as follows:

Series I	**:**	5		9		16		32		75		**199**
Series II	**:**		4		7		16		43		**124**	
Series III	**:**			3		9		27		**81**		
Series IV	**:**				×3		×3		×3			

Hence, option A is correct.

66.

Series Pattern	**Given Series**	
15	15	
15 + 1 = 16	16	
16 + 4 = 20	20	
20 + 9 = 29	29	
29 + 16 = 45	45	
45 + 25 = 70	70	
70 + 36 = 106	106	
106 + 49 = 155	**155**	✓

Hence, option (D) is correct.

67.

Series Pattern	Given Series	
$2^2 \times 1 - 1$	3	
$3^2 \times 2 - 2$	16	
$4^2 \times 3 - 3$	45	
$5^2 \times 4 - 4$	96	
$6^2 \times 5 - 5$	175	
$7^2 \times 6 - 6$	**288**	✓

Hence, option C is correct.

68.

Series Pattern	Given Series	
$29^2 + 1 = 842$	842	
$39^2 - 1 = 1520$	**1520**	✓
$49^2 + 1 = 2402$	2402	
$59^2 - 1 = 3480$	3480	
$69^2 + 1 = 4762$	4762	

Hence, option (A) is correct.

69.

Series Pattern	Given Series	
3	3	
3 × 2 + 5	11	
11 × 2 + 7	29	
29 × 2 + 9	67	
67 × 2 + 11	145	
145 × 2 + 13	**303**	✓

Hence, option B is correct.

70.

Series Pattern	Given Series	
1	1	
$1 + 2^3 = 9$	9	
$9 + 3^3 = 36$	36	
$36 + 4^3 = 100$	100	
$100 + 5^3 = 225$	225	
$225 + 6^3 = 441$	**441**	✓

Hence, option (C) is correct.

71.

Series Pattern	Series	
$1^2 + 1^3$	2	
$2^2 + 2^3$	12	
$3^2 + 3^3$	36	
$4^2 + 4^3$	80	
$5^2 + 5^3$	150	
$6^2 + 6^3$	252	
$7^2 + 7^3$	**392**	✓

Hence, option B is correct.

72.

Series Pattern	Given Series	
43	43	
43 – 2 = 41	41	
41 + 3 = 44	44	
44 – 5 = 39	39	
39 + 7 = 46	46	
46 – 11 = 35	**35**	✓

Hence, option (A) is correct.

73.

Series Pattern	Series	
1	1	
(1 × 2) + 3	5	
(5 × 3) + 4	19	
(19 × 4) + 5	81	
(81 × 5) + 6	411	
(411 × 6) + 7	**2473**	✓

Hence, option D is correct.

74.

Series Pattern	Given Series	
0	0	
$(0)^2 \div 2 + 4 = 4$	4	
$(4)^2 \div 2 + 4 = 12$	12	
$(12)^2 \div 2 + 4 = 76$	76	
$(76)^2 \div 2 + 4 = 2892$	**2892**	✓

Hence, option (B) is correct.

75.

Series Pattern	Series	
9	9	
9 × 2 + 2	20	
20 × 2 – 4	36	
36 × 2 + 6	78	
78 × 2 – 8	148	
148 × 2 + 10	306	
306 × 2 – 12	**600**	✓

Hence, option C is correct.

76.

Series Pattern	Given Series	
14	14	
14 × 2 – 1 = 27	27	
27 × 2 – 1 = 53	53	
53 × 2 – 1 = 105	105	
105 × 2 – 1 = 209	209	
209 × 2 – 1 = 417	**417**	✓

Hence, option (A) is correct.

77.

Series Pattern	Series	
17	17	
2 × 17 – 1	33	
2 × 33 – 2	64	
2 × 64 – 4	124	
2 × 124 – 8	240	
2 × 240 – 16	464	
2 × 464 – 32	**896**	✓

Hence, option D is correct.

78.

Series Pattern	Given Series	
43	43	
43 + 11 = 54	54	
54 + 22 = 76	76	
76 + 33 = 109	109	
109 + 44 = 153	153	
153 + 55 = 208	**208**	✓

Hence, option (E) is correct.

79.

Series Pattern	Given Series	
15	15	
15 + 2^2 = 19	19	
19 + 4^3 = 83	83	
83 + 6^2 = 119	119	
119 + 8^3 = 631	631	
631 + 10^2 = **731**	**731**	✓

Hence, option D is correct.

80.

Series Pattern	Given Series	
2	2	
2 × 1 + 1^3 = 3	3	
3 × 2 + 2^3 = 14	14	
14 × 3 + 3^3 = 69	69	
69 × 4 + 4^3 = 340	340	
340 × 5 + 5^3 = 1825	**1825**	✓

Hence, option (B) is correct.

81.

Series I	**:**	15		22		40		75		133		**?**
Series II	**:**		+7		+18		+35		+58		**?**	
Series III	**:**			+11		+17		+23		**?**		
Series IV	**:**				+6		+6		+6			
						0		0				

Clearly, the pattern of series III is that '6' is added to get the next number.So, the missing term in series III is (23 + 6) = 29; ∴ missing term in series II is (58 + 29) = 87; ∴ missing term in series I is (87 + 133) = 220.

Finally the series will become as follows:

Series I	**:**	15		22		40		75		133		**220**
Series II	**:**		+7		+18		+35		+58		**+87**	
Series III	**:**			+11		+17		+23		**+29**		
Series IV	**:**				+6		+6		+6			
						0		0				

Hence, option B is correct.

82.

Series Pattern	**Given Series**	
9827	9827	
9827 – 121 = 9706	9706	
9706 – 100 = 9606	9606	
9606 – 81 = 9525	9525	
9525 – 64 = 9461	9461	
9461 – 49 = 9412	**9412**	✓

Hence, option (C) is correct.

83.

Series Pattern	Given Series	
24	24	
24 + **7** (=7×1) = 31	31	
31 **+ 21** (=7×3) = 52	52	
52 **+ 35** (=7×5) = 87	87	
87 **+ 49** (=7×7) = 136	136	
136 **+ 63** (=7×9) = **199**	**199**	✓

Hence, the option D is correct.

84.

Series Pattern	Given Series	
1991	1991	
$1991 - 3^3 = 1964$	1964	
$1964 - 4^3 = 1900$	1900	
$1900 - 5^3 = 1775$	1775	
$1775 - 6^3 = 1559$	**1559**	✓

Hence, option (E) is correct.

85.

Series Pattern	Given Series	
15	15	
15 × **1** + **1** = 16	16	
16 × **2** – **1** = 31	31	
31 × **3** + **1** = 94	94	
94 × **4** – **1** = 375	375	
375 × **5** + **1** = 1876	1876	
1876 × **6** – **1** = 11255	**11255**	✓

Hence, the option E is correct.

86.

Series Pattern	Given Series	
7	7	
$7 + 7^2 = 56$	56	
$56 + 6^2 = 92$	92	
$92 + 5^2 = 117$	117	
$117 + 4^2 = 133$	133	
$133 + 3^2 = 142$	**142**	✓

Hence, option (E) is correct.

87.

Series Pattern	Given Series	
15	15	
$15 \times \frac{1}{2} + \frac{1}{2} = 8$	8	
$8 \times 1 + 1 = 9$	9	
$9 \times \frac{3}{2} + \frac{3}{2} = 15$	15	✓
$15 \times 2 + 2 = 32$	32	
$32 \times \frac{5}{2} + \frac{5}{2} = 82.5$	82.5	
$82.5 \times 3 + 3 = 250.5$	250.5	

Hence, the option B is correct.

88.

Series Pattern	Given Series	
3	3	
$3 + 14 \times 1 = 17$	17	
$17 + 14 \times 2 = 45$	45	
$45 + 14 \times 3 = 87$	87	
$87 + 14 \times 4 = 143$	143	
$143 + 14 \times 5 = 1697$	**213**	✓

Hence, option (D) is correct.

89.

Series Pattern	Given Series	
1	1	
1 × 4 + 5	9	
9 × 6 + 7	61	
61 × 8 + 9	497	
497 × 10 + 11	4981	
4981 × 12 + 13	**59785**	✓

Hence, option D is correct.

90.

Series Pattern	Given Series	
4	4	
4 × 0.5 = 2	2	
2 × 1 = 2	2	
2 × 1.5 = 3	3	
3 × 2 = 6	6	
6 × 2.5 = 15	**15**	✓

Hence, option (B) is correct.

91.

Series Pattern	Given Series	
2	2	
$2 \times 2+1^3$	5	
$5 \times 3+2^3$	23	
$23 \times 4+3^3$	119	
$119 \times 5+4^3$	**659**	✓
$320 \times 6+5^3$	4079	

Hence, option B is correct.

92.

Series Pattern	Given Series	
729	729	
$729 + 1^1 = 730$	730	
$730 + 2^2 = 734$	734	
$734 + 3^3 = 761$	761	
$761 + 4^4 = 1017$	1017	
$1017 + 5^5 = 4142$	**4142**	✓

Hence, option (A) is correct.

93.

Series Pattern	Given Series	
3	3	
3 × 1 +1	4	
4 × 3 + 2	14	
14 × 5 + 3	73	
73 × 7 + 4	515	
515 × 9 + 5	**4640**	✓

Hence, option C is correct.

94.

Series Pattern	Given Series	
512	512	
512 × (1/2) = 256	256	
256 × (2/2) = 256	256	
256 × (3/2) = 384	384	
384 × (4/2) = 768	768	
768 × (5/2) = 1920	**1920**	✓

Hence, option (B) is correct.

95.

Series Pattern	Series	
9	9	
9 × 2 + 2	20	
20 × 2 – 4	36	
36 × 2 + 6	78	
78 × 2 – 8	148	
148 × 2 + 10	306	
306 × 2 – 12	**600**	✓

Hence, option C is correct.

96.

Series Pattern	Given Series	
0	0	
$0 + (1^3 + 1) = 2$	2	
$2 + (3^3 – 1) = 28$	28	
$28 + (4^3 + 1) = 93$	93	
$93 + (5^3 – 1) = 217$	217	
$217 + (6^3 + 1) = 434$	**434**	✓

Hence, option (C) is correct.

97.

Series Pattern	Given Series	
11043	11043	
11043 + 13	11056	
11056 – 11	11045	
11045 + 9	11054	
11054 – 7	11047	
11047 + 5	**11052**	✓

Hence, option E is correct.

98.

Series Pattern	Given Series	
125	125	
$125 + 1^2 = 126$	126	
$126 + 2^2 = 130$	130	
$130 + 3^2 = 139$	139	
$139 + 4^2 = 155$	155	
$155 + 5^2 = 180$	180	
$180 + 6^2 = 216$	**216**	✓

Hence, option (A) is correct.

99.

Series Pattern	Given Series	
256	256	
256 × 0.5	128	
128 × 1.5	192	
192 × 2.5	480	
480 × 3.5	**1680**	✓
1680 × 4.5	7560	

Hence, option B is correct.

100.

Series Pattern	Given Series	
1331	1331	
1331 + 100 = 1431	1431	
1431 + 200 = 1631	1631	
1631 + 300 = 1931	1931	
1931 + 400 = 2331	2331	
2331 + 500 = 2831	**2831**	✓

Hence, option (B) is correct.

Wrong Term Series Explanation

101.

Series pattern	Given series	
$1 + 2^2 + 3^3 = 32$	32	✓
$2 + 3^2 + 4^3 = 75$	75	✓
$3 + 4^2 + 5^3 = 144$	144	✓
$4 + 5^2 + 6^3 = 245$	244	✗
$6 + 7^2 + 8^3 = 567$	567	✓
$7 + 8^2 + 9^3 = 800$	800	✓
$8 + 9^2 + 10^3 = 1089$	1089	✓

Hence, there should be 245 in place of 244.

Hence, option C is correct.

102.

The series pattern is × 1.5, × 2, × 2.5, × 3, × 3.5, × 4.

Series Pattern	Given Series	
2	2	✓
2 × 1.5 = 3	3	✓
3 × 2 = 6	6	✓
6 × 2.5 = 15	15	✓
15 × 3 = 45	45	✓
45 × 3.5 = 157.5	156.5	✗
157.5 × 4 = 630	630	✓

Hence, there should be 157.5 in place of 156.5.

Hence, option E is correct.

103.

Series Pattern	Given Series	
7	7	✓
$7 \times 1 + 1^2 = 8$	8	✓
$8 \times 2 + 2^2 = 20$	20	✓
$20 \times 3 + 3^2 = 69$	69	✓
$69 \times 4 + 4^2 = 292$	**290**	✗
$292 \times 5 + 5^2 = 1485$	1485	✓
$1485 \times 6 + 6^2 = 8946$	8946	✓

Hence, option D is correct.

104.

Series Pattern	Given Series	
21	21	
21 + 13	**34**	✓
34 + 39	73	
73 + 65	138	
138 + 91	229	
229 + 117	346	

Hence, option B is correct.

105.

Given Series: 11 132 301 590 954 1480

Series Pattern:

Series I	:	11	132	301	590	**951**	1480
Sereis II	:	+121	+169	+289	**361**	**529**	
		11^2	13^2	17^2	$\mathbf{19^2}$	$\mathbf{23^2}$	

Clearly, the pattern in series II is square of prime numbers. So, the wrong term in series I = **954**

∴ There must be 951 in place of 954.

Hence, option D is correct.

106.

Series Pattern	Given Series	
64	64	
64 × 0.5 + 1 = 33	33	
33 × 1 + 1 = 34	34	
34 × 1.5 + 1 = 52	**53**	✗
52 × 2 + 1 = 105	105	
105 × 2.5 + 1 = 263.5	263.5	

Hence, option (C) is correct.

107.

Series Pattern	Given Series	
81	81	✓
81 × (1/3) = 27	27	✓
27 × (3/3) = 27	27	✓
27 × (5/3) = 45	45	✓
45 × (7/3) = 105	**110**	✗
105 × (9/3) = 315	315	✓

Hence, option (C) is correct.

108.

Series Pattern	Given Series	
11	11	✓
11 + 9 = 20	20	✓
20 + 18 = 38	38	✓
38 + 36 = 74	74	✓
74 + 72 = 146	**144**	✗
146 + 144 = 290	290	✓
290 + 288 = 578	578	✓

Hence, option (A) is correct.

109.

Series Pattern	Given Series	
499	499	✓
499 – (2^3) = 491	491	✓
491 – (3^3) = 464	464	✓
464 – (4^3) = 400	400	✓
400 – (5^3) = 275	275	✓
275 – (6^3) = 59	59	✓

Hence, option E is correct.

110.

Series Pattern	Given Series	
$25^2 = 625$	625	✓
$26^2 - 13 = 663$	663	✓
$27^2 + 26 = 755$	755	✓
$28^2 - 39 = 745$	745	✓
$29^2 + 52 = 893$	**863**	✗
$30^2 - 65 = 835$	835	✓

Hence, option (D) is correct.

111.

iii

Hence, there should be 3315/224 in place of 1615/96.

Hence, option E is correct.

112.

The series is –16, –8, –4, –2, –1, –0.5, and so on.

Series Pattern	Given Series	
36	36	✓
36 – 16 = 20	20	✓
20 – 8 = 12	12	✓
12 – 4 = 8	8	✓
8 – 2 = 6	6	✓
6 – 1 = 5	5.5	✗
5 – 0.5 = 4.5	4.5	✓

Hence, there should be 5 in place of 5.5.

Hence, option A is correct.

113.

Series Pattern	Given Series	
3	3	✓
3 + 11 = 14	14	✓
14 + 33 (11×3) = 47	47	✓
47 + 99 (33×3) = 146	146	✓
146 + 297 (99×3) = 443	**453**	✗
443 + 891 (297×3) = 1334	1334	✓
1334 + 2673 (891×3) = 4007	4007	✓

Hence, option E is correct.

114.

Series Pattern	Given Series	
1	1	
1 × 1 + 1	**2**	✓
2 × 2 + 2	6	
6 × 3 + 3	21	
21 × 4 + 4	88	
88 × 5 + 5	445	

Hence, option B is correct.

115.

Series Pattern	Given Series	
$(2^3 + 1) = 9$	9	✓
$(3^3 – 2) = 25$	**28**	✗
$(4^3 + 3) = 67$	67	✓
$(5^3 – 4) = 121$	121	✓
$(6^3 + 5) = 221$	221	✓
$(7^3 – 6) = 337$	337	✓

Hence, there must be 25 in place of 28. Therefore, option C is correct.

116.

Series Pattern	Given Series	
105	105	
105 + 11 = 116	116	
116 – 22 = 94	94	
94 + 44 = 138	138	
138 – 88 = 50	**55**	✗
50 + 176 = 226	226	

Hence, option (B) is correct.

117.

Series Pattern	Given Series	
15	15	✓
15 × 2 = 30	30	✓
30 × 3 = 90	90	✓
90 × 5 = 450	**460**	✗
450 × 7 = 3150	3150	✓
3150 × 11 = 34650	34650	✓

Hence, option (B) is correct.

118.

Series Pattern	Given Series	
1	1	✓
1 × 4 + 4 = 8	8	✓
8 × 4 + 4 = 36	36	✓
36 × 4 + 4 = 148	148	✓
148 × 4 + 4 = 596	**586**	✗
596 × 4 + 4 = 2388	2388	✓

Hence, option (B) is correct.

119.

Series Pattern	Given Series	
7	7	✓
7 × 3 + 6 = 27	27	✓
27 × 3 + 12 = 93	93	✓
93 × 3 + 18 = **297**	**301**	✗
297 × 3 + 24 = 915	915	✓
915 × 3 + 30 = 2775	2775	✓
2775 × 3 + 36 = 8361	8361	✓

Hence, there should be 297 in place of 301.

Hence, option B is correct.

120.

Series Pattern	Given Series	
1 + 1 = 2	2	✓
2 + 1 × 2 = 4	4	✓
4 × 1 × 2 × 3 = 10	10	✓
10 × 1 × 2 × 3 × 4 = 34	34	✓
34 + 1 × 2 × 3 × 4 × 5 = 154	**152**	✗
154 + 1 × 2 × 3 × 4 × 5 × 6 = 874	874	✓

Hence, option (B) is correct.

121.

Series Pattern	Given Series	
12	12	✓
13	13	✓
12 + 13 = 25	25	✓
13 + 25 = 38	38	✓
25 + 38 = 63	63	✓
38 + 63 = 101	**104**	✗
63 + 101 = 164	164	✓

So, 104 is wrong term and must be replaced by 101.

Hence, option D is correct.

122.

The series is ×1+2, ×2+3, ×3+4, and so on.

Series Pattern	Given Series	
1	1	✓
1 × 1 + 2 = 3	3	✓
3 × 2 + 3 = 9	9	✓
9 × 3 + 4 = 31	31	✓
31 × 4 + 5 = 129	128	✗
129 × 5 + 6 = 651	651	✓
651 × 6 + 7 = 3913	3913	✓

Hence, there should be 129 in place of 128.

Hence, option B is correct.

123.

Series Pattern	Given Series	
16	16	✓
16 + 15 = 31	31	✓
31 + 30 = 61	61	✓
61 + 45 = 106	**107**	✗
106 + 60 = 166	166	✓
166 + 75 = 241	241	✓
241 + 90 = 331	331	✓

Hence, option C is correct.

124.

Series Pattern	Given Series	
48	48	
48 × 0.5	**24**	✓
24 × 1.5	36	
36 × 2.5	90	
90 × 3.5	315	
315 × 4.5	1417.5	

Hence, option D is correct.

125.

Series Pattern	Given Series	
28	28	✓
$28 \times \frac{1}{2} + \frac{1}{2} = 14.5$	14.5	✓
14.5 × 1 + 1 = 15.5	15.5	✓
$15.5 \times \frac{3}{2} + \frac{3}{2} = 24.75$	24.75	✓
24.75 × 2 + 2 = 51.5	51.5	✓
$51.5 \times \frac{5}{2} + \frac{5}{2} = 131.25$	**133.25**	✗
131.25 × 3 + 3 = 396.75	396.75	✓

Hence, there must be 131.25 in place of 133.25. Therefore, option D is correct.

126.

Series Pattern	Given Series	
40	40	
$40 + 4^2 = 56$	56	
$56 + 8^2 = 120$	**124**	✗
$120 + 12^2 = 264$	264	
$264 + 16^2 = 520$	520	
$520 + 20^2 = 920$	920	

Hence, option (C) is correct.

127.

Series Pattern	Given Series	
1	1	
$1 \times 2 = 2$	2	✓
$2 \times 3 = 6$	6	✓
$3 \times 4 = 12$	12	✓
$4 \times 5 = 20$	**24**	✗
$5 \times 6 = 30$	30	✓

Hence, option (E) is correct.

128.

Series Pattern	Given Series	
10	10	✓
10 × 2 – 5.5 = 14.5	14.5	✓
14.5 × 2 – 5.5 = 23.5	23.5	✓
23.5 × 2 – 5.5 = 41.5	41.5	✓
41.5 × 2 – 5.5 = 77.5	77.5	✓
77.5 × 2 – 5.5 = 149.5	**148.5**	✗

Hence, option (B) is correct.

129.

Series Pattern	Given Series	
201	201	✓
201 – (5×1) = 196	196	✓
196 – (5×3) = 181	181	✓
181 – (5×5) = **156**	146	✗
156 – (5×7) = 121	121	✓
121 – (5×9) = 76	76	✓
76 – (5×11) = 21	21	✓

Hence there should be 156 in place of 146.

Hence, option D is correct.

130.

Series Pattern	Given Series	
40	40	✓
$40 \times 0.5 + 5^2 = 45$	45	✓
$45 \times 1 + 10^2 = 145$	**135**	✗
$145 \times 1.5 + 15^2 = 442.5$	442.5	✓
$442.5 \times 2 + 20^2 = 1285$	1285	✓
$1285 \times 2.5 + 25^2 = 3837.5$	3837.5	✓

Hence, option (A) is correct.

131.

Series Pattern	Given Series	
$(66)^3 = 287496$	287496	✓
$(65)^3 = 274625$	274625	✓
$(64)^3 = 262144$	262144	✓
$(63)^3 = 250047$	**246078**	✗
$(62)^3 = 238328$	238328	✓
$(61)^3 = 238328$	238328	✓
$(60)^3 = 216000$	216000	✓

Hence, there should be 250047 in place of 246078.

Hence, option D is correct.

132.

The series is $\times 1+1^2$, $\times 2+2^2$, $\times 3+3^2$, and so on.

Series Pattern	Given Series	
2	2	✓
$2 \times 1 + 1^2 = 3$	3	✓
$3 \times 2 + 2^2 = 10$	10	✓
$10 \times 3 + 3^2 = 39$	40	✗
$39 \times 4 + 4^2 = 172$	172	✓
$172 \times 5 + 5^2 = 885$	885	✓
$885 \times 6 + 6^2 = 5346$	5346	✓

Hence, there should be 39 in place of 40.

Hence, option C is correct.

133.

Series Pattern	Given Series	
51	51	✓
$51 + 2^2 = 55$	55	✓
$55 + 4^2 = 71$	71	✓
$71 + 6^2 = 107$	**108**	✗
$107 + 8^2 = 171$	171	✓
$171 + 10^2 = 271$	271	✓
$271 + 12^2 = 415$	415	✓

Hence, option B is correct.

134.

Series Pattern	Given Series	
9	9	
9 + 2	11	
11 + 4	15	
15 + 8	**23**	✓
23 + 16	39	
39 + 32	71	

Hence, option C is correct.

135.

There are two series First series

Series Pattern	Given Series	
15	15	✓
15 + (1 × 2) = 17	17	✓
17 + (2 × 3) = 23	23	✓
23 + (3 × 4) = 35	**35**	✗

Second Series

Series Pattern	Given Series	
60	60	✓
60 – (1 × 2) = 58	58	✓
58 – (2 × 3) = 52	52	✓
52 – (3 × 4) = 40	40	✓

Hence, option (B) is correct.

136.

Series Pattern	Given Series	
10	10	
10 × 1 + 2 = 12	12	
12 × 3 + 4 = 40	40	
40 × 5 + 6 = 206	**228**	✗
206 × 7 + 8 = 1450	1450	
1450 × 9 + 10 = 13060	13060	

Hence, option (C) is correct.

137.

Series Pattern	Given Series	
120	120	✓
$120 - 1^2 = 119$	119	✓
$119 + 2^2 = 123$	123	✓
$123 - 3^2 = 114$	**116**	✗
$114 + 4^2 = 130$	130	✓
$130 - 5^2 = 105$	105	✓

Hence, option (A) is correct.

138.

Series Pattern	Given Series	
$11^2 + 10 = 131$	131	✓
$12^2 + 15 = 159$	159	✓
$13^2 + 20 = 189$	189	✓
$14^2 + 25 = 221$	221	✓
$15^2 + 30 = 255$	**245**	✗
$16^2 + 35 = 291$	291	✓

Hence, option (B) is correct.

139.

Series Pattern	Given Series	
8	8	✓
8 × 4 + 5 = 37	37	✓
37 × 6 + 7 = 229	229	✓
229 × 8 + 9 = 1841	1841	✓
1841 × 10 + 11 = 18421	18421	✓
18421 × 12 + 13 = **221065**	**231065**	✗

Hence, there must be 221065 in place of 231065.

Hence, option C is correct.

140.

Series Pattern	Given Series	
$1^3 + 1 = 2$	2	✓
$2^3 + 3 = 11$	11	✓
$3^3 + 5 = 32$	32	✓
$4^3 + 7 = 71$	71	✓
$5^3 + 9 = 134$	134	✓
$6^3 + 11 = 227$	**229**	✗

Hence, option (C) is correct.

141.

Series Pattern	Given Series	
42	42	✓
42 × 1.5 = 63	63	✓
63 × 1.5 = 94.5	94.5	✓
94.5 × 1.5 = 141.75	141.75	✓
141.75 × 1.5 = 212.625	212.92	✗
212.625 × 1.5 = 318.9375	**318.9375**	✓

Hence, there should be 212.625 in place of 212.92.

Hence, option D is correct.

142.

The series is ×2–2.

Series Pattern	Given Series	
5	5	✓
5 × 2 – 2 = 8	8	✓
8 × 2 – 2 = 14	16	✗
14 × 2 – 2 = 26	26	✓
26 × 2 – 2 = 50	50	✓
50 × 2 – 2 = 98	98	✓
98 × 2 – 2 = 194	194	✓

Hence, there should be 14 in place of 16.

Hence, option D is correct.

143.

Series Pattern	Given Series	
14	14	✓
14 × 1 + 1.5 = 15.5	15.5	✓
15.5 × 2 + 1.5 = 32.5	32.5	✓
32.5 × 3 + 1.5 = 99	99	✓
99 × 4 + 1.5 = 397.5	397.5	✓
397.5 × 5 + 1.5 = 1989	**1990**	✗
1989 × 6 + 1.5 = 11935.5	11935.5	✓

Hence, option D is correct.

144.

Series Pattern	Given Series	
38	38	
38 **+ 2^2** = 42	42	
42 **+ 4^3** = 106	106	
106 **+ 6^2** = 142	142	
142 **+ 8^3** = 654	654	
654 **+ 10^2** = **754**	**754**	✓

Hence, option (C) is correct.

145.

Series Pattern	Given Series	
20	20	✓
20 + 13 = 33	33	✓
33 + 17 = 50	50	✓
50 + 21 = 71	**75**	✗
71 + 25 = 96	96	✓
96 + 29 = 125	125	✓

Hence, option (A) is correct.

146.

Series Pattern	Given Series	
1	1	
1 + 3 = 4	4	
4 + (3 + 5) = 12	12	
12 + (3 + 5 + 7) = 27	27	
27 + (3 + 5 + 7 + 9) = 51	51	
51 + (3 + 5 + 7 + 9 + 11) = 86	**85**	✗
86 + (3 + 5 + 7 + 9 + 11 + 13) = 134	134	

Hence, option C is correct.

147.

Series Pattern	Given Series	
482	482	✓
482 + (4 + 8 + 2) = 496	496	✓
496 + (4 + 9 + 6) = 515	515	✓
515 + (5 + 1 + 5) = 526	**528**	✗
526 + (5 + 2 + 6) = 539	539	✓
539 + (5 + 3 + 9) = 556	556	✓

Hence, option (B) is correct.

148.

Series Pattern	Given Series	
10	10	✓
10 × 1 = 10	10	✓
10 × 2 = 20	20	✓
20 × 3 = 60	60	✓
60 × 4 = 240	240	✓
240 × 5 = 1200	1200	✓
1200 × 6 = 7200	**8400**	✗

Hence, option (E) is correct.

149.

Series Pattern	Given Series	
$1^2 \times 2 - 2 = 0$	0	✓
$2^2 \times 3 - 2 = 10$	10	✓
$3^2 \times 4 - 2 = 34$	34	✓
$4^2 \times 5 - 2 = 78$	**82**	✗
$5^2 \times 6 - 2 = 148$	148	✓
$6^2 \times 7 - 2 = 250$	250	✓

Hence, there must be 78 in place of 82.

Hence, option D is correct.

150.

Series Pattern	Given Series	
732	732	✓
732 + (7 + 3 + 2) = 744	744	✓
744 + (7 + 4 + 4) = 759	**758**	✗
759 + (7 + 5 + 9) = 780	780	✓
780 + (7 + 8 + 0) = 795	795	✓
795 + (7 + 9 + 5) = 816	816	✓

Hence, option (B) is correct.

151.

Series Pattern	Given Series	
4	4	✓
4 × 0.5 = 2	2	✓
2 × 1.5 = 3	3.5	✗
3 × 2.5 = 25	7.5	✓
7.5 × 3.5 = 26.25	26.25	✓
26.25 × 4.5 = 118.25	118.25	✓

Hence, there should be 3 in place of 3.5.

Hence, option C is correct.

152.

The series pattern is (×7+3), (×6+4), (×5+5)... so on.

Series pattern	Given Series	
8	8	✓
8 × 7 + 3 = 59	59	✓
59 × 6 + 4 = 358	358	✓
358 × 5 + 5 = **1795**	1796	✗
1795 × 4 + 6 = 7186	7186	✓
7186 × 3 + 7 = 21565	21565	✓

Hence, option C is correct.

153.

Series Pattern	Given Series	
11	11	✓
11 × **1** + **1** = 12	12	✓
12 × **2** – **1** = 23	23	✓
23 × **3** + **1** = 70	70	✓
70 × **4** – **1** = **279**	281	✗
279 × **5** + **1** = 1396	1396	✓
1396 × **6** – **1** = 8375	8375	✓

Hence, option D is correct.

154.

Series I	:	42	163	332	621	**?**	1511
Series II	:	+121	+169	+289	**?**	**?**	
		11^2	13^2	17^2	$\mathbf{19^2}$	$\mathbf{23^2}$	

Clearly, the pattern in series II is square of prime numbers. So, the missing term in series II = 361, 529

∴ missing term in series I = 621 + 361 = 982

Series I	:	42	163	332	621	**982**	1511
Series II	:	+121	+169	+289	**+361**	**+529**	
		11^2	13^2	17^2	19^2	23^2	

Hence, option E is correct.

155.

Series Pattern	Series	
19	19	✓
19 × 1 + 1.5 = 20.5	20.5	✓
20.5 × 2 + 1.5 = 42.5	42.5	✓
42.5 × 3 + 1.5 =129	129	✓
129 × 4 + 1.5 = 517.5	517.5	✓
517.5 × 5 + 1.5 = 2589	**2590**	✗
2589 × 6 + 1.5 = 15535 5	15535.5	✓

Hence, option D is correct.

156.

Series Pattern	Given Series	
60	60	✓
60 + (5^2 + 1) = 86	86	✓
86 + (10^2 + 1) = 187	**189**	✗
187 + (15^2 + 1) = 413	413	✓
413 + (20^2 + 1) = 814	814	✓
814 + (25^2 + 1) = 1440	1440	✓

Hence, option (B) is correct.

157.

Series Pattern	Given Series	
10^2 = 100	100	✓
10^2 + 11^2 = 221	221	✓
221 + 12^2 = 365	365	✓
365 + 13^2 = 534	534	✓
534 + 14^2 = 730	730	✓
730 + 15^2 = 955	**965**	✗

Hence, option (C) is correct.

158.

Series Pattern	Given Series	
37	37	✓
37 **+ 3^2** = 46	46	✓
46 **+ 5^2** = 71	71	✓
71 + **7^2** = 120	120	✓
120 + **9^2** = **201**	191	✗
201 + **11^2** = 322	322	✓
322 + **13^2** = 491	491	✓

Hence, there should be 201 in place of 191.

Hence, option D is correct.

159.

Series Pattern	Given Series	
0! **+ 0^2** = **1 + 0**	1	✓
1! **+ 1^2** = 1 – 1	0	✓
2! **+ 2^2** = 2 + 4	6	✓
3! **– 3^2** = 6 – 9	– 3	✓
4! **+ 4^2** = 24 + 16	40	✓
5! **– 5^2** = 120 – 25 = 95	**100**	✗

Therefore, It should be 95 in place of 100.

Hence, option E is correct.

160.

Series Pattern	Given Series	
$2^2 + 3 = 7$	7	✓
$3^2 + 5 = 14$	14	✓
$5^2 + 7 = 32$	32	✓
$7^2 + 11 = 60$	60	✓
$11^2 + 13 = 134$	**132**	✗
$13^2 + 17 = 186$	186	✓

Hence, option (D) is correct.

161.

Series Pattern	Given Series	
7	7	✓
9	9	✓
7 + 9 = 16	16	✓
16 + 9 = 25	25	✓
25 + 16 = 41	41	✓
41 + 25 = 66	68	✗
66 + 41 = 107	107	✓
107 + 66 = 173	173	✓

Hence, there should be 66 in place of 68.

Hence, option D is correct.

162.

The series is – 7^2, –6^2, –5^2..... so on.

Series pattern	Given Series	
1250	1250	✓
1250 – 7^2 = 1201	1201	✓
1201 – 6^2 = **1165**	1166	×
1165 – 5^2 = 1140	1140	✓
1140 – 4^2 = 1124	1124	✓
1124 – 3^2 = 1115	1115	✓
1115 – 2^2 = 1111	1111	✓

Therefore, there must be 1165 in place of 1166.

Hence, option D is correct.

163.

Series Pattern	Given Series	
15	15	✓
15 × **1** + **1** = 8 2 2	8	✓
8 × **1** + **1** = 9	9	✓
9 × **3** + **3** = 15 2 2	15	✓
15 × **2** + **2** = 32	32	✓
32 × **5** + **5** = **82.5** 2 2	92.5	✗
82.5 × **3** + **3** = 250.5	250.5	✓

Hence, option D is correct.

164.

Series I	**:**	11	20	43	88	**?**	276
Sereis II	**:**	9	23	45	**75**	**?**	
Series III	**:**		14	22	**30**	**?**	
Series IV	**:**		+8	**+8**	**+8**		

Clearly, the pattern in series IV is addition of 8. So, the missing term in series III = 30 + 8 = 38

∴ missing term in series II = 75 + 38 = 113;

∴ missing term in series I = 88 + 75 = 163.

Series I	**:**	11	20	43	88	**163**	276
Sereis II	**:**	9	23	45	**75**	**113**	
Series III	**:**		14	22	**30**	**38**	
Series IV	**:**		+8	**+8**	**+8**		

Hence, option C is correct.

165.

Series Pattern	**Series**	
25	25	✓
25 + 15 = 40	40	✓
40 + 30 = 70	70	✓
70 + 45 = 115	**125**	✗
115 + 60 = 175	175	✓
175 + 75 = 240	250	✓
250 + 90 = 340	340	✓

Hence, option C is correct.

166.

Series Pattern	Given Series	
49	49	✓
$49 + 2^3 = 57$	57	✓
$57 + 3^3 = 84$	84	✓
$84 + 5^3 = 209$	**207**	✗
$209 + 7^3 = 552$	552	✓
$552 + 11^3 = 1883$	1883	✓

Hence, option (D) is correct.

167.

Series Pattern	Given Series	
121	121	✓
121 + 49 = 170	170	✓
170 + 49 × 2 = 268	**265**	✗
268 + 49 × 4 = 464	464	✓
464 + 49 × 8 = 856	856	✓
856 + 49 × 16 = 1640	1640	✓

Hence, option (A) is correct.

168.

Series Pattern	Given Series	
95	95	✓
95 + **47** = 142	142	✓
142 + **55** = 197	187	x
197 + **63** = 260	260	✓
260 + **71** = 331	331	✓
331 + **79** = 410	410	✓

Hence, there must be 197 in place of 187.

Hence, option B is correct.

169.

Series Pattern	Given Series	
19 **+ 5^3** = 19 + 125	144	✓
144 **+ 6^3** = 144 + 216 **= 360**	**361**	✗
360 **+ 7^3** = 360 + 343	703	✓
703 **+ 8^3** = 703 + 512	1215	✓
1215 **+ 9^3** = 1215 + 729	1944	✓
1944 **+ 10^3** = 1944 + 1000	2944	✓

Therefore, It should be 360 in place of 361.

Hence, option A is correct.

170.

Series Pattern	Given Series	
19	19	✓
19 + 13 = 32	32	✓
32 + 17 = 49	**48**	✗
49 + 22 = 71	71	✓
71 + 28 = 99	99	✓
99 + 35 = 134	134	✓

Hence, option (A) is correct.

171.

Series Pattern	Given Series	
16	16	✓
$16 + 1^2 = 17$	19	✗
$17 + 2^2 = 21$	21	✓
$21 + 3^2 = 30$	30	✓
$30 + 4^2 = 46$	46	✓
$46 + 5^2 = 71$	71	✓
$71 + 6^2 = 107$	107	✓

Hence, there should be 17 in place of 19.

Hence, option A is correct.

172.

The pattern of the series is (×0.5+1), (×1+1), (×1.5+5).... so on.

Series pattern	Given Series	
12	12	✓
12 × 0.5 + 1 = 7	7	✓
7 × 1 + 1 = 8	8	✓
8 × 1.5 + 1 = 13	13	✓
13 × 2 + 1 = 27	27	✓
27 × 2.5 + 1 = 68.5	69	×
68.5 × 3 + 1 = 206.5	206.5	✓

Hence, option B is correct.

173.

Series Pattern	Given Series	
87	87	✓
87 **+ 29** = 116	116	✓
116 **+ 58 =** 174	174	✓
174 **+ 87 =** 261	261	✓
261 **+ 116 = 377**	397	✗
377 **+ 145 =** 522	522	✓

Hence, option A is correct.

174.

Series Pattern	Given Series	
6	6	
6 × 2 + 5	**17**	✓
17 × 2 + 5	39	
39 × 2 + 5	83	
83 × 2 + 5	171	
171 × 2 + 5	347	

Hence, option D is correct.

175.

Series Pattern	Series	
9	9	✓
9 + 11 = 20	20	✓
20 + 33 (11×3) = 53	53	✓
53 + 99 (33×3) = 152	152	✓
152 + 297 (99×3) = 449	**451**	✗
449 + 891 (297×3) = 1340	1340	✓
1340 + 2673 (891×3) = 4013	4013	✓

Hence, option E is correct.

176.

Series Pattern	Given Series	
550	550	✓
550 + 5 + 5 + 0 = 560	560	✓
560 + 5 + 6 + 0 = 571	571	✓
571 + 5 + 7 + 1 = 584	584	✓
584 + 5 + 8 + 4 = 601	601	✓
601 + 6 + 0 + 1 = 608	**610**	✗

Hence, option (C) is correct.

177.

Series Pattern	Given Series	
45	45	✓
45 + 100 × 0.5 = 95	95	✓
95 + 100 × 1 = 195	195	✓
195 + 100 × 1.5 = 345	345	✓
345 + 100 × 2 = 545	**535**	✗
545 + 100 × 2.5 = 795	795	✓

Hence, option (B) is correct.

178.

Series Pattern	Given Series	
3	3	✓
$3 + 1^2 + 1 = 5$	5	✓
$5 + 3^2 + 1 = 15$	15	✓
$15 + 5^2 + 1 = 41$	41	✓
$41 + 7^2 + 1 = 91$	**90**	✗
$91 + 9^2 + 1 = 173$	173	✓

Hence, there should be 90 in place of 91.

Hence, option C is correct.

179.

Series Pattern	Given Series	
24	24	✓
24 + 8	32	✓
32 + 10	42	✓
42 + 14	56	✓
56 + 20 **= 76**	**78**	✗
76 + 28	104	✓

Therefore, It should be 76 in place of 78.

Hence, option D is correct.

180.

Series Pattern	Given Series	
$1^2 - (1 \times 5) = -4$	– 4	✓
$2^2 + (2 \times 6) = 16$	16	✓
$3^2 - (3 \times 7) = -12$	– 12	✓
$4^2 + (4 \times 8) = 48$	**32**	✗
$5^2 - (5 \times 9) = -20$	– 20	✓
$6^2 + (6 \times 10) = 96$	96	✓

Hence, option (C) is correct.

181.

Series Pattern	Given Series	
16	16	✓
16 × 0.25 = 4	4	✓
4 × 0.5 = 2	2	✓
2 × .75 = 25	1.5	✓
1.5 × 1 = 1	1.75	✗
1.5 × 1.25 = 1.875	1.875	✓

Hence, there should be 1.5 in place of 1.75.

Hence, option B is correct.

182.

The pattern of the series is +6, +12, +24, +48... so on.

Series pattern	Given Series	
17	17	✓
17 + 6 = 23	23	✓
23 + 12 = 35	35	✓
35 + 24 = 59	59	✓
59 + 48 = 107	108	✗
107 + 96 = 203	203	✓
203 + 192 = 395	395	✓

Hence, option C is correct.

183.

Series Pattern	Given Series	
$(1^3 + 1) = 2$	2	✓
$(2^3 - 2) = \mathbf{6}$	10	✗
$(3^3 + 3) = 30$	30	✓
$(4^3 - 4) = 60$	60	✓
$(5^3 + 5) = 130$	130	✓
$(6^3 - 6) = 210$	210	✓

Hence, option C is correct.

184.

Series Pattern	Given Series	
156	156	✓
156 + (1^3 + 1)	**158**	✗
158 + (3^3 + 1)	186	✓
186 + (5^3 + 1)	312	✓
312 + (7^3 + 1)	656	✓
656 + (9^3 + 1)	1386	✓

Hence, option A is correct.

185.

Series Pattern	Given Series	
35	35	✓
35 + (3 + 5) = 43	43	✓
43 + (4 + 3) = 50	50	✓
50 + (5 + 0) = 55	55	✓
55 + (5 + 5) = 65	**60**	✗
65 + (6 + 5) = 76	76	✓
76 + (7 + 6) = 89	89	✓
89 + (8 + 9) = 106	106	✓

Hence, option (D) is correct.

186.

Series Pattern	Given Series	
1022	1022	✓
1022 – 7 = 1015	1015	✓
1015 – 14 = 1001	1001	✓
1001 – 28 = 973	**975**	✗
973 – 56 = 917	917	✓
917 – 112 = 805	805	✓

Hence, option A is correct.

187.

Series Pattern	Given Series	
169	169	✓
169 – 1 = 168	168	✓
168 + 1 × 2 = 170	**172**	✗
170 – 1 × 2 × 3 = 164	164	✓
164 + 1 × 2 × 3 × 4 = 188	188	✓
188 – 1 × 2 × 3 × 4 × 5 = 68	68	✓

Hence, option (A) is correct.

188.

Series Pattern	Given Series	
9	9	✓
9 × **1** + **1** = 10	10	✓
10 × **2** – **1** = 19	19	✓
19 × **3** + **1** = **58**	57	✗
58 × **4** – **1** = 231	231	✓
231 × **5** + **1** = 1156	1156	✓
1156 × **6** – **1** = 6935	6935	✓

Hence, there should be 58 in place of 57.

Hence, option C is correct.

189.

Series Pattern	Given Series	
40	40	✓
40 – (1 × 3)	37	✓
37 + (2 × 4)	45	✓
45 – (3 × 5)	30	✓
30 + (4 × 6)	54	✓
54 – (5 × 7) = **19**	**20**	✗

Therefore, It should be 19 in place of 20.

Hence, option E is correct.

190.

Series Pattern	Given Series	
$1^3 + 1 \times 2 = 3$	3	✓
$2^3 + 2 \times 3 = 14$	14	✓
$3^3 + 3 \times 4 = 39$	39	✓
$4^3 + 4 \times 5 = 84$	**80**	✗
$5^3 + 5 \times 6 = 155$	155	✓
$6^3 + 6 \times 7 = 258$	258	✓

Hence, option (A) is correct.

191.

Series Pattern	Given Series	
2	2	✓
$2 \times 3 + 5 = 11$	11	✓
$11 \times 4 - 6 = 38$	38	✓
$38 \times 5 + 7 = 197$	197	✓
$197 \times 6 - 8 = 1174$	1172	✗
$1174 \times 7 + 9$	8227	✓
$8227 \times 8 - 10$	65806	✓

Hence, there should be 1174 in place of 1172.

Hence, option D is correct.

192.

The pattern of the series is $+2^3$, $+3^3$, $+4^3$, $+5^3$..... so on.

Series pattern	Given Series	
221	221	✓
221 + $(2)^3$= 229	230	✗
229 + $(3)^3$ = 256	256	✓
256 + $(4)^3$ = 320	320	✓
320 + $(5)^3$ = 445	445	✓
445 + $(6)^3$ = 661	661	✓
661 + $(7)^3$ = 1004	1004	✓

Hence, option D is correct.

193.

Series Pattern	Given Series	
270	270	✓
270 – $\mathbf{5^2}$ = **245**	246	✗
245 + $\mathbf{5^3}$ = 370	370	✓
370 – $\mathbf{6^2}$ = 334	334	✓
334 + $\mathbf{6^3}$ = 550	550	✓
550 – $\mathbf{7^2}$ = 501	501	✓

Hence, option B is correct.

194.

Series Pattern	Series	
22	22	✓
22 × 1 – 2	20	✓
20 × 2 – 3	37	✓
37 × 3 – 4	107	✓
107 × 4 – 5	423	✓
423 × 5 – 6	**2109**	✗

Hence, option E is correct.

195.

Series Pattern	Given Series	
70	70	✓
(70 – 35) × 3 = 105	105	✓
(105 – 30) × 2 = 150	150	✓
(150 – 25) × 3 = 375	**350**	✗
(375 – 20) × 2 = 710	710	✓
(710 – 15) × 3 = 2085	2085	✓
(2085 – 10) × 2 = 4150	4150	✓

Hence, option (A) is correct.

196.

Series Pattern	Given Series	
17	17	✓
17 + 9 × 1 = 26	26	✓
26 + 9 × 3 = 53	**54**	✗
53 + 9 × 5 = 98	98	✓
98 + 9 × 7 = 161	161	✓
161 + 9 × 11 = 260	260	✓

Hence, option (A) is correct.

197.

Series Pattern	Given Series	
$11^2 + 0 = 121$	121	✓
$12^2 + 1 = 145$	145	✓
$13^2 + 3 = 172$	172	✓
$14^2 + 4 = 200$	200	✓
$15^2 + 5 = 230$	230	✓
$16^2 + 6 = 262$	**264**	✗

Hence, option (A) is correct.

198.

Series Pattern	Given Series	
12061	12061	✓
12061 – 3375 = 8686	8686	✓
8686 – 2197 = 6489	6489	✓
6489 – 1331 = 5158	5158	✓
5158 – 729 = 4429	4429	✓
4429 – 343 = 4086	**4088**	✗
4086 – 125 = 3961	3961	✓

The numbers subtracted from the given numbers are cubes of 15, 13, 11, 9, 7, 5 respectively.

Hence there should be 4086 in place of 4088.

Hence, option (E) is correct.

199.

Series Pattern	Given Series	
86 + 2 × 0	86	✓
86 + 2 × 1 = **88**	**87**	✗
88 + 2 × 2	92	✓
92 + 2 × 3	98	✓
98 + 2 × 4	106	✓

Therefore, It should be 88 in place of 87.

Hence, option A is correct.

200.

Series Pattern	Given Series	
6	6	✓
6 + 5 × 1 + 1 = 12	12	✓
12 + 5 × 2 + 2 = 24	24	✓
24 + 5 × 3 + 3 = 42	42	✓
42 + 5 × 4 + 4 = 66	66	✓
66 + 5 × 5 + 5 = 96	**95**	✗

Hence, option (E) is correct.

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