

NATIONAL TALENT SEARCH EXAMINATION (STAGE - I) - 2019-2020(UP) SOLUTIONS

MENTAL ABILITY

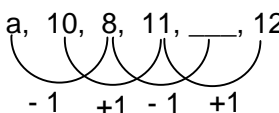
1. (2)
Sol. All are sequence of alphabet .
2. (4)
Sol. $C + J = M$
3. (3)
Sol. Difference between alphabet
4. (4)
Sol. +2, +3
5. (2)
Sol. Deer
6. (3)
Sol. Student (Profession
7. (2)
Sol. Governor
8. (4)
Sol. Mirzapur
9. (3)
Sol. Co-prime
10. (3)
Sol. All are leap year
11. (4)
Sol. Multiple of 7
12. (1)
Sol. Multiple of 3
13. (2)
Sol. 114466
14. (1)
Sol. AABCC
15. (3)
Sol. $\times 3 - 1$
16. (2)
Sol. $3^2, 4^3, 5^2, 6^3, 7^2, 8^3, 9^2$
17. (3)
Sol. Alphabet (+2)
18. (2)
Sol. Squares
19. (1)
Sol. Cubes
20. (4)
Sol. In alphabets +3, +2, +3, +2
21. (1)
Sol. alphabet $\times 3$, alphabet $\times 2$

Sol. FOUR

22. (3)

Sol. +2, +4, +6

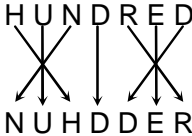
23. (1)

Sol. a, 10, 8, 11, _____, 12, 6, _____, 5


24. (4)

Sol. Two series

25. (2)

Sol. 
HUNDRED
↓ ↓ ↓ ↓
NUHDDER

26. (4)

Sol. -1, +1, -1, +1,

27. (1)

Sol. Sum of positions


28. (3)

Sol. Sum of position $\times 2$

29. (1)

Sol. Consecutive interchange

30. (3)

Sol. 
DRIVER
↓ ↓ ↓ ↓
RDERVI

31. (2)

Sol. (Sum of position)²

32. (4)

Sol. +2, -2, +2, -2

33. (3)

Sol. Position/2

34. (1)

Sol. Position replacement

35. (2)

Sol. Position replacement

36. (1)

Sol. Direct coding

37. (1)

Sol. $2 \times 40 = 92 + 8 - 20$

38. (3)

Sol. $34 + 6 - 18 = 66 \div 3$

39. (4)

Sol. $2 \times 21 \div 7 = 17 - 11$

40. (2)

Sol. $7 + 3 - 4 = 6 \times 1$

41. (4)

Sol. $63 \div 7 = 44 + 6 - 41$

42. (1)

Sol. $69 - 25 + 10 = 6 \times 9$

43. (2)

- Sol. $41 + 32 - 10 = 9 + 54$
44. (3)
- Sol. $15 \times 5 \div 3 = 17 + 8$
45. (3)
- Sol. $38 \times 2 = 46 + 33 - 3$
46. (4)
- Sol. $15 + 7 - 2 = 5 \times 4$
47. (1)
- Sol. $24 \div 6 = 9 + 2 - 7$
48. (3)
- Sol. $5 \times 8 = 29 - 4 + 15$
49. (2)
- Sol. $15 + 14 + 7 = \sqrt[2]{36} = 6$
50. (3)
- Sol. $(7 \times 7) \div 7$
51. (3)
- Sol. $(13 + 5 - 2) \div 2$
52. (4)
- Sol. $(15 \times 4) - 14$
53. (2)
- Sol. $(1 + 4 + 2)^2$
54. (1)
- Sol. $(7 \times 3) + (7 - 3)$
55. (3)
- Sol. $5 \times 2 = 10 \times 5 = 50$
56. (4)
- Sol. $3 + 4 + 5 + 6 = 18 \Rightarrow 1 + 8 = 9$
57. (3)
- Sol. $(17 \times 4) - (6 \times 5)$
58. (4)
- Sol. $[(6 \div 1) + (9 \div 18)]$
59. (3)
- Sol. Hind \rightarrow R, S, B, G
 English \rightarrow R, S, A
 Mathematics \rightarrow R, A, B
 Science \rightarrow S, B
 Geography \rightarrow A
60. (3)
- Sol. Hind \rightarrow R, S, B, G
 English \rightarrow R, S, A
 Mathematics \rightarrow R, A, B
 Science \rightarrow S, B
 Geography \rightarrow A
61. (2)
- Sol. Hind \rightarrow R, S, B, G
 English \rightarrow R, S, A
 Mathematics \rightarrow R, A, B
 Science \rightarrow S, B
 Geography \rightarrow A
62. (1)

- Sol. Hind → R, S, B, G
 English → R, S, A
 Mathematics → R, A, B
 Science → S, B
 Geography → A
63. (2)
 Sol. Hind → R, S, B, G
 English → R, S, A
 Mathematics → R, A, B
 Science → S, B
 Geography → A
64. (4)
 Sol. By observation
65. (4)
 Sol. By observation
66. (2)
 Sol. By observation
67. (3)
 Sol. By observation
68. (4)
 Sol. By observation
69. (1)
 Sol. +2 in position
70. (2)
 Sol. $(22)^2$
71. (4)
 Sol. $(14 + 9 + 6) = 29 = 7 \times 5 - 6$
72. (2)
 Sol. Opposite
73. (4)
 Sol. Users
74. (2)
 Sol. Goal
75. (4)
 Sol. FATHER is reverse
76. (1)
 Sol. Steam
77. (2)
 Sol. 2^3
78. (4)
 Sol. Flour
79. (1)
 Sol. $\frac{4+9+1}{2}$
80. (2)
 Sol. By observation
81. (1)
 Sol. By observation
82. (1)
 Sol. By observation
83. (1)
 Sol. By observation
84. (2)
 Sol. By observation

85. (3)
Sol. Set - 2
86. (4)
Sol. Set - 2
87. (1)
Sol. Set - 1
88. (4)
Sol. Set - 4
89. (2)
Sol. Set - 3
90. (4)
Sol. Set - 2
91. (3)
Sol. Set - 3
92. (2)
Sol. Set - 1
93. (1)
Sol. Set - 4
94. (2)
Sol. Set - 4
95. (3)
Sol. Set - 1
96. (1)
Sol. Let $R = 10$
 $D = 5$
 $S = 21$
 $A = 84$
97. (3)
Sol. Let $R = 10$
 $D = 5$
 $S = 21$
 $A = 84$
98. (4)
Sol. Let $R = 10$
 $D = 5$
 $S = 21$
 $A = 84$
99. (1)
Sol. Let $R = 10$
 $D = 5$
 $S = 21$
 $A = 84$
100. (2)
Sol. Let $R = 10$
 $D = 5$
 $S = 21$
 $A = 84$