**Appendix – VI**

**Mental ability test**

**PART - 1**

Which one of the ‘Answer Figures’ would replace the ‘Question Mark’ in the ‘problem figures’?

<table>
<thead>
<tr>
<th>Problem Figures</th>
<th>Answer Figures</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Problem Figure 1" /></td>
<td><img src="image2" alt="Answer Figure 1" /></td>
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<tr>
<td><img src="image3" alt="Problem Figure 2" /></td>
<td><img src="image4" alt="Answer Figure 2" /></td>
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<td><img src="image5" alt="Problem Figure 3" /></td>
<td><img src="image6" alt="Answer Figure 3" /></td>
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<td><img src="image7" alt="Problem Figure 4" /></td>
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<td><img src="image9" alt="Problem Figure 5" /></td>
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<td><img src="image11" alt="Problem Figure 6" /></td>
<td><img src="image12" alt="Answer Figure 6" /></td>
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<td><img src="image13" alt="Problem Figure 7" /></td>
<td><img src="image14" alt="Answer Figure 7" /></td>
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<td><img src="image15" alt="Problem Figure 8" /></td>
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<td><img src="image17" alt="Problem Figure 9" /></td>
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<td><img src="image19" alt="Problem Figure 10" /></td>
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<td><img src="image21" alt="Problem Figure 11" /></td>
<td><img src="image22" alt="Answer Figure 11" /></td>
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<tr>
<td><img src="image23" alt="Problem Figure 12" /></td>
<td><img src="image24" alt="Answer Figure 12" /></td>
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</tbody>
</table>
In the following questions, each question has 5 figures. Out of which four are similar in some respects while the one is different from the remaining four. Find out the one which is different?

17

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24
PART - III

In the following questions, there are two sets of figures. The problem figures make a series. Find out which one of the answer figures would occupy the next position in the problem figures if they continue to change in the same order.

Problem Figures

Answer Figures
PART - IV

52. Pointing at a person in the photograph, Mahesh said, “His mother is only daughter of my father”. How is the mother related to Mahesh?
   a) Aunt   b) Sister   c) Mother   d) Daughter

53. A and B are the children of Z. A’s father is Z. But A is not Z’s son. How is A related to Z?
   a) Brother b) Daughter c) Brother-in-law d) Sister-in-law

54. Rajan spoke introducing a man, “His mother is the daughter of my father”. How is Rajan related to that man?
   a) Grandfather b) Uncle c) Brother d) Brother-in-law

PART - V

Study the following statements carefully and answer the questions given below them.

Five persons A, B, C, D and E are standing in a row with their backs towards you.
   A) ‘A’ is standing to the right of ‘C’
   B) ‘D’ is standing to the left of ‘C’
   C) ‘E’ is standing to the right of ‘A’ and left of ‘B’

55. Who is standing in the middle?
   a) A   b) B   c) C   d) E

56. Who is standing on the extreme left?
   a) A   b) B   c) C   d) D

57. Who is standing on the extreme right?
   a) A   b) B   c) C   d) D

PART - VI

58. Some persons are standing one after another on a ladder. Saveetha is standing at the 18th place from top and at the 6th place from the bottom. How many persons are there on the ladder?
   a) 24   b) 25   c) 23   d) 12

59. ‘X’ is standing at the 6th place from both the sides of the queue. How many persons are there in the queue?
   a) 13   b) 10   c) 11   d) 12
PART - VII

Find the odd ones out

60. a) Mist  b) Cloud  c) Rain  d) Fog
61. a) Brinjal b) Grapes c) Banana d) Tomato
62. a) Red  b) Violet  c) Green  d) Blue

PART - VIII

63. In a certain code ‘TIGER’ is written as ‘RIGET’, how is ‘CROWN’ written in that code?
   a) NOWRC  b) NRWCO  c) NOWCR  d) NROWC
64. In a certain code ‘IPS’ is written as ‘KRU’, how is ‘TNPSC’ written in that code?
   a) VPSCE  b) UPRUE  c) VPRUE  d) BSRBA
65. In a certain code ‘4123’ is written as ‘GATE’, ‘5123’ is written as ‘MATE’. How should ‘TEAM’ be written?
   a) 3125  b) 2135  c) 2315  d) 1235

PART - IX

66. What is the next number in the series 28, 22, 17, 13, 10?
   a) 6  b) 8  c) 7  d) 9
67. What is the next number in the series 2, 5, 11, 20, 32
   a) 44  b) 33  c) 47  d) 38
68. What is the next number in the series 12, 23, 35, 48, 62
   a) 76  b) 77  c) 82  d) 93
69. What is the next number in the series 3, 4, 6, 9?
   a) 13  b) 19  c) 10  d) 15
70. If I stand on my head with my face pointing southwards, in which direction will my right hand point?
   a) West  b) East  c) North  d) South