Solutions (1-4):

S1. Ans. (d)
S2. Ans. (e)
S3. Ans. (a)
S4. Ans. (e)

S5. Ans. (a)
Sol.

<table>
<thead>
<tr>
<th>Floors</th>
<th>Persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.</td>
<td>D</td>
</tr>
<tr>
<td>5.</td>
<td>F</td>
</tr>
<tr>
<td>4.</td>
<td>B</td>
</tr>
<tr>
<td>3.</td>
<td>A</td>
</tr>
<tr>
<td>2.</td>
<td>C</td>
</tr>
<tr>
<td>1.</td>
<td>E</td>
</tr>
</tbody>
</table>

S6. Ans. (c)
Sol. ALIGNED, DEALING

Solutions (7-9):
In the given Input-Output question the logic is—
For step I- All the digits of the given numbers are arranged in ascending order within the numbers.
For step II- All the numbers obtained in step I are arranged in ascending order from the left end.
For step III- First and last digits of the numbers are omitted.
For step IV- The digits of the numbers obtained in step III are added.

INPUT - 3846 9213 8273 7341 5218 3285 6925 4758
STEP I - 3468 1239 2378 1347 1258 2358 2569 3468 4578
STEP II - 1239 1258 1347 2358 2378 2569 3468 4578
STEP III - 23 25 34 35 37 56 46 57
STEP IV - 5 7 7 8 10 11 10 12

S7. Ans. (c)
S8. Ans. (c)
S9. Ans. (d)
### S10. Ans. (c)
**Sol.** Statement I is neutral as it is nowhere related to the recruitment process. While II strengthen the statement as the company is taking this step to strengthen the recruitment process.

### Solutions (11-14):

<table>
<thead>
<tr>
<th>Box</th>
<th>Chocolate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q</td>
<td>175</td>
</tr>
<tr>
<td>S</td>
<td>250</td>
</tr>
<tr>
<td>T</td>
<td>190</td>
</tr>
<tr>
<td>U</td>
<td>210</td>
</tr>
<tr>
<td>P</td>
<td>280</td>
</tr>
<tr>
<td>R</td>
<td>119</td>
</tr>
</tbody>
</table>

### S11. Ans.(a)
### S12. Ans.(b)
### S13. Ans.(d)
### S14. Ans.(d)

### S15. Ans(c)
**Sol.**

![Diagram](tube_light_current_bulb.png)

### S16. Ans(d)
**Sol.**

![Diagram](pen_file_copy.png)

### S17. Ans(d)
**Sol.**

![Diagram](pen_file_copy.png)
Solutions (18-21):

<table>
<thead>
<tr>
<th>Years</th>
<th>Ages</th>
<th>Persons</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>1946</td>
<td>73</td>
<td>M</td>
<td>White</td>
</tr>
<tr>
<td>1958</td>
<td>61</td>
<td>L</td>
<td>Red</td>
</tr>
<tr>
<td>1963</td>
<td>56</td>
<td>K</td>
<td>Yellow</td>
</tr>
<tr>
<td>1971</td>
<td>48</td>
<td>N</td>
<td>Orange</td>
</tr>
<tr>
<td>1994</td>
<td>25</td>
<td>J</td>
<td>Pink</td>
</tr>
<tr>
<td>2006</td>
<td>13</td>
<td>O</td>
<td>Black</td>
</tr>
</tbody>
</table>

S18. Ans. (d)
S19. Ans. (c)
S20. Ans. (d)
S21. Ans. (a)

S22. Ans. (c)
Sol.

\[
\begin{array}{llllll}
N & Q & L/O & M & O/L & P \\
\end{array}
\]

S23. Ans. (d)
S24. Ans. (c)

Solutions (25-28):

<table>
<thead>
<tr>
<th>Months↓</th>
<th>5th</th>
<th>12th</th>
<th>21st</th>
</tr>
</thead>
<tbody>
<tr>
<td>March (31)</td>
<td>K</td>
<td>C</td>
<td>H</td>
</tr>
<tr>
<td>May (31)</td>
<td>D</td>
<td>F</td>
<td>L</td>
</tr>
<tr>
<td>September (30)</td>
<td>J</td>
<td>E</td>
<td>B</td>
</tr>
<tr>
<td>November (30)</td>
<td>A</td>
<td>M</td>
<td>G</td>
</tr>
</tbody>
</table>

S25. Ans. (a)
S26. Ans. (d)
S27. Ans. (d)
S28. Ans. (d)

S29. Ans. (e)
Sol.

\[
\begin{array}{cccccccccc}
0 & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 \\
\end{array}
\]

S30. Ans. (d)
Sol. I. MBEKTDY - BDEKMTY
II. GPNAQUS - AGNPQSU
III. XCJRHO - CHJORD
S31. Ans. (d)
Sol. Only Statement III is assumed from the given statement. As from given statement it can be assumed that the extra class will help the students to score well.

S32. Ans. (b)
Sol. Both II and III can be the reason for the average salary remain same.

S33. Ans. (e)
Sol. Both III and IV can be inferred from the given statement as it is clear that the turnover is below 32.5 million currently and 35% of 1.5 lakh i.e. 52500 newly hired employee in new unit the turnover will reach to 32.5 million.

Solutions (34-37):

<table>
<thead>
<tr>
<th>Persons</th>
<th>A</th>
<th>Z</th>
<th>D</th>
<th>H</th>
<th>B</th>
<th>Q</th>
<th>G</th>
<th>Y</th>
<th>R</th>
</tr>
</thead>
</table>

Amount earn by them-
B (10000) > L(8500) > A(7000) > Z(5000) = H > R(4500) = Q = G > D(3000) = Y

S34. Ans.(b)
S35. Ans.(b)
S36. Ans.(a)
S37. Ans.(a)

Solutions (38-40):

S38. Ans. (e)
S39. Ans. (b)
S40. Ans. (c)
S41. Ans(b)
Sol. Condition (i) and (iii) is applied = AMGFIS = ‘6@27@6’.

S42. Ans(d)
Sol. Condition (ii) and (iv) is applied = PUGRLE = ‘212#2&’.

S43. Ans(a)
Sol. Condition (ii) and (v) is applied = UAIMUI = ‘@&9@μ&’.

S44. Ans(e)
Sol. Condition (iv) and (v) is applied = MJGLBF = ‘©2$272’.

S45. Ans(c)
Sol. Condition (iv) and (v) is applied = GFPQMB = ‘7%3%5%’.

S46. Ans.(c)
Sol. In the above question we have to find the inference of the above statement.
For I-This cannot be the inference because if a person does not have Aadhar, he/she will not get government help in treatment but can take treatment of TB without Aadhar.
For II-This could be the inference as mentioned in the given statement that patients need Aadhar card to get benefits under government scheme.
For III-This also could be the inference because it is clear from the given statement that to get benefits of the scheme verification of Aadhar will be required.
For IV-This is not the inference of the given statement because this statement states that cases of TB patients increased in India now which is not directly related to the statement.

S47. Ans.(c)
Sol. For I- This argument does not hold strong because this initiative is for girls to get benefited initially but it is not like that education will be free for everyone.
For II-This argument also holds strong because a law/scheme or bill should not be for any particular gender but it should be for the one who really need it.
For III-This is also strong because gender should not be the criterion for the free education. It is the poor who should get the benefits.

Solutions (48-50):

B > G > A > F > C > E
24 yrs 20 yrs

S48. Ans.(e)
S49. Ans.(d)
S50. Ans.(b)