

MEMORY BASED SBI CLERK PRE (SOLUTIONS) MATHS

36. (a): 812 + 522 = 133.4
37. (a): 66 - 699 = 1166.5
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38. (c): 149834 - 85973 = 63861
39. (b): 33'' = 33²*1:2-5
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39. (c): 149 = 144
41. (d): Total No. of crimes in HP = 36903
42. (b): Required =
$$\frac{628}{1557} \times 100$$

 $= 21: 52$
 $= \frac{163}{158}$
43. (c): $\frac{2119714220}{156}$
 $= \frac{163}{157} \times 100$
 $= 39.82\%$
44. (b): Required difference = 1577 - 1432 = 145
45. (c): $\frac{2119714220}{1587} \times 100$
 $= 39.82\%$
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 $= 39.82\%$
45. (c): $\frac{21197}{100} \times 200 = 10$
Lost in diseases $= \frac{10}{100} \times 90 = 9$
Disables $= \frac{10}{10} \times 90 = 8.1$
 \therefore Required difference = 1577 - 1432 = 145
46. (c): $\frac{27}{100} \times 220$
 $\frac{1}{100} \times 420 + \frac{x}{100} \times 1000 = 735$
 $\frac{x}{100} \times 2000$ remaining total men = 100
When compounded half - yearly
 $r = 296, n = 2$
 \therefore interest = 202
 \therefore (d): speed of iohn = 30 km/hr
 $Speed of iohn = 30 km/hr$
 $\frac{490}{610} \cdot 960$
 $51. (a): Let Required quantity = x$
 $\frac{x}{100} = 3250$
 $x = 15$
 $x = 16$
 $\frac{1}{2} = \frac{156}{104}$
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www.bankersadda.com | www.sscadda.com | www.careerpower.in | www.careeradda.co.in Page 1 $\frac{24}{u} + \frac{54}{33} = 6$ u = 5.5 \therefore Speed of the man in still water $= \frac{33+5.5}{2} = \frac{38.5}{2}$ = 19.25 kmph **62.** (d) $\frac{x - \frac{25x}{100}}{y + \frac{250y}{100}} = \frac{6}{5}$ $\frac{75x}{350y} = \frac{6}{5}$ $\frac{75x}{75x} = 420y$ $\frac{x}{y} = \frac{420}{75}$ $\frac{x}{y} = \frac{28}{5}$ **63.** (b) Required area = $\frac{22}{7} \times 7 \times 7$

 $= 154 \text{ cm}^2$

- **64.** (b); Since winning candidate and his rival got 70% of total votes.
- $\therefore 34 + 36 = 70$ Required minimum margin = 36 - 34 = 2**65.** (d); Net Change = $20 - 25 - \frac{25 \times 20}{100}$ = 0 - 5 - 5= -10%**66.** (a); $\div 2 - 1 = 23$, $\div 2 - 1 = 10.5$, $\div 2 - 1 = 4.25$ **67.** (a); 2 + 13 = 15, 15 + 26 = 41, 41 + 39 = 80, 80 + 52 = 132 $\therefore 132 + 65 = 197$ **68.** (a); 51975 ÷ 11 = 4725, 4725 ÷ 9 = 525, $525 \div 7 = 75, 75 \div 5 = 15,$ $15 \div 3 = 5$ **69.** (b); 4 + 15 = 19, 19 + 30 = 49, 49 + 60 = 109, 109 + 120 = 229**70.** (b); $840 \div 1 = 840$, $840 \div 2 = 420$, $420 \div 3 = 140$, $140 \div 4 = 35, 35 \div 5 = 7$

