

Grand Test – SPP 180540



$$= \frac{3}{8} \times \frac{16}{100} \times \frac{22}{100} \times 5000 = 66$$

∴ Total number of girls = 66 × 36 = 2376

So, required number of boys = 2624

44. (5) Number of students supporting K.L. Bali = 154 + 144 + 176 + 240 + 120 = 834

∴ Required ratio

$$= \frac{834}{1000} = \frac{417}{500}$$

45. (3) Difference in votes = 77 + 90 + 120 + 12 + 20 = 319
 ∴ Required percentage = $\frac{319}{5000} \times 100 = 6.38\%$

46. (1)

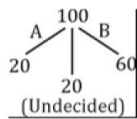
47. (2)

48. (4)

49. (5)

50. (5)

51. (2)



Total Respondent = 60 + 20 = 80

According to Question

$$40 \rightarrow 720 \quad \therefore 100 \rightarrow 1800$$

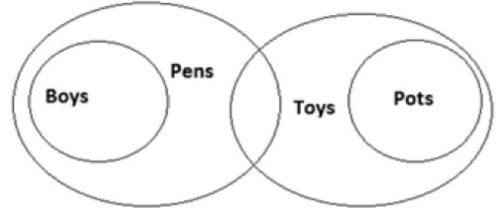
52. (2)

	A	B	C
Expenditure	60%	65%	70%
∴ Saving	40%	35%	30%
Given, A	→ 40% = 14	B	→ 35% = 21
	∴ 100% = 35		∴ 100% = 60
C	→ 30% = 15		
	∴ 100% = 50		
Salaries of A, B & C	= 35 : 60 : 50		
∴ Salary of B	$= \frac{60 \times 1450}{145} = \text{Rs. } 600$		

64. (4) $107.3 = \frac{20}{100} \times ? \Rightarrow ? = 536.5$

65. (5) $? = 34 \times 6.5 = 221$

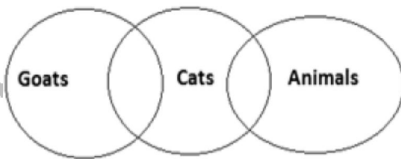
66. (5)



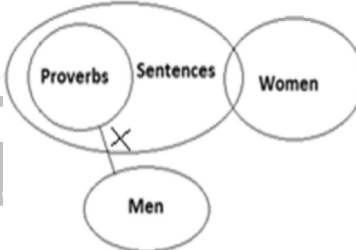
67. (4)



68. (5)



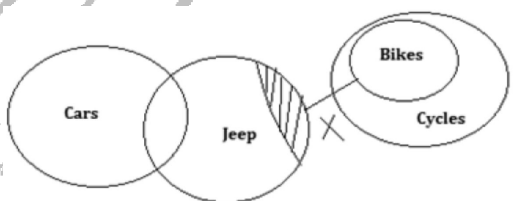
69. (3)



53. (3)

A:B = 60000 × 12 : 80000 × 12 = 3 : 4
 Out of 3900 profit received by A, Rs. 1200 annually is for management of business
 So, 3 → 3900 - 1200 = 2700
 ∴ 4 → B's profit → $\frac{2700}{3} \times 4 = \text{Rs. } 3600$

70. (5)



54. (3)

Flat I:
 SP = Rs. 3,00,000, Loss = 20%
 CP = 3,00,000 × $\frac{100}{80}$ = Rs. 3,75,000
 Loss = Rs. 75,000
Flat II:
 SP = Rs. 3,00,000
 CP = 3,00,000 × $\frac{100}{120}$ = Rs. 2,50,000
 Profit = Rs. 50,000
 Hence, Overall there is loss of Rs. 25,000.

71 – 75.

55. (4)

A+B : 20
 B+C : 30
 A+C : 40
 2(A + B + C) = 13 units
 A + B + C = 6.5 units
 ∴ C → 0.5 units
 B → 3.5 units
 A → 2.5 units
 Required ratio = $\frac{120}{\frac{2.5}{0.5}} = 1 : 5$

Person	Colour	Floor
P	Probationary Officer	Tabla
Q	Clerk	Vioin
R	Professor	Sitar
S	Doctor	Guitar
T	House Wife	Trumpet
U	Author	Saxophone
V	Teacher	Harmonium
W	Engineer	Flute

56. (3)

57. (2)

58. (4)

59. (3)

60. (5)

61. (1) $? = \frac{38}{5} \times 3.25 = 24.7$

71. (2)

62. (3) $? = 17.8 + 38.4 = 56.2$

73. (1)

63. (3) $? = 647.918 - 307.681 = 340.237$

76. (1)

78. (3)

72. (3)

74. (2)

77. (1)

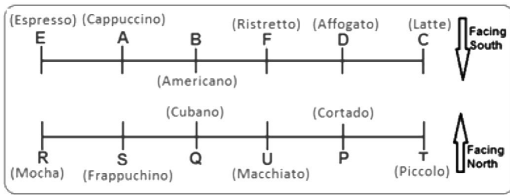
79. (3)

75. (5)

80. (2)

Grand Test – SPP 180540

81 – 85.



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|---------|-------------------------------------|----------|
| 81. (3) | 82. (3) | |
| 83. (5) | 84. (2) | 85. (2) |
| 86. (4) | 87. (1) | |
| 88. (4) | 89. (4) | 90. (2) |
| 91. (4) | I. $B < L = P \leq W < V$ | (True) |
| | II. $M = K \geq V > W \geq P$ | (True) |
| 92. (5) | I. $L = P \leq W < V \leq K \geq Q$ | (False) |
| | II. $W < V \leq K = M$ | (False) |
| 93. (3) | I. $X \geq B = U \geq R$ | (False) |
| | II. $X \geq B = U \geq R$ | (False) |
| 94. (2) | I. $U \leq S < T = O > D$ | (False) |
| | II. $S < T = O \leq P$ | (True) |
| 95. (1) | I. $Z = O > D \geq Y$ | (True) |
| | II. $C > U \leq S < T = O$ | (False) |
| 96. (2) | 97. (2) | |
| 98. (4) | 99. (2) | 100. (2) |

