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**Josh**  
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**SBI Clerk Written Exam 2012: Quantitative  
Aptitude Solved Question with Explanation**

संख्यात्मक अभिव्यक्ति

81 → 4

82 → 1

$$23 \times 45 \div 15 = 69 \text{ Ans}$$

83 → 2

$$4\frac{5}{6} + 7\frac{1}{2} - 5\frac{8}{11} = ?$$

$$= (4+7-5) + \left(\frac{5}{6} + \frac{1}{2} - \frac{8}{11}\right)$$

$$= 6\frac{20}{33} \text{ Ans}$$

84 → 5

$$\frac{210}{17} \times \frac{17}{15} \times ? = \frac{238}{17} \Rightarrow$$

$$? = 238$$

85 → 2

$$235047 \div 834 = \frac{47}{2} \times \frac{2350 \times 83}{2} = \frac{890}{2} = 445 \text{ Ans}$$

86 → 2

$$\sqrt{1089} + 8 = (?)^2$$

$$33 + 8 = (?)^2 \Rightarrow (6)^2 = (?)^2$$

$$\Rightarrow ? = 6$$

87 → 2

$$96 + 32 \times 5 - 31 = ?$$

$$96 + 160 - 31 = 225$$

88 → 4

$$? \div 36 = (7)^2 - 8$$

$$? = 41 \times 36 = 1476 \text{ Ans}$$

89 → 4

90 → 4

$$(63)^2 - (12)^2 = ?$$

$$(63+12)(63-12) = 75 \times 51 = 3825 \text{ Ans}$$

91 → 1

$$1\frac{4}{5} + 3\frac{3}{5} = ? - 4\frac{3}{10}$$

$$? = (1+3+4) + \left(\frac{4}{5} + \frac{3}{5} + \frac{3}{10}\right)$$

$$= 9\frac{7}{10} \text{ Ans}$$

92 → 5

93 → 2

94 → 1

95 → 4

96 → 2  
 $7500 \times 8 \cdot 16\% = 6120$

97 → 5  
 CREAM → LE  
 $= 5 \times 4 \times 3 \times 2 \times 1 = 120$

98 → 5  
 $3x + 4y = 22x + 18$   
 $7x - 2y = 39$   
 $x = 126, y = 126$

99 → 1  
 $36 \text{ Pens} + 42 \text{ Pencils} = 460/-$   
 $2 (18 \text{ Pens} + 21 \text{ Pencils}) = 460/-$   
 $18 \text{ Pens} + 21 \text{ Pencils} = 230/-$

100 → 4  

$$\begin{array}{r} 2x + 16 = 7 \\ 4x + 16 = 8 \\ \hline x = 4 \end{array}$$
  
 $13 \rightarrow 4x + 7 = 23$

101 → 3  
 $\text{Amount} = \frac{\text{Cost} \times 100}{\text{Amount} \times 42} = \frac{828 \times 100}{4600 \times 3} = 6 \text{ fr}$

102 → 5  
 $\text{अंश} = \frac{59 + 84 + 77 + 98 + 30 + 90 + 58}{7} = \frac{496}{7} = 59$

103 → 1 →  $[6x + 14(2x + 3) + (2x + 5) = 1383]$   
 $6x + 9 = 1383$   
 $6x = 1383 - 9$   
 $6x = 1374$   
 $x = 229$   
 Largest no. =  $2x + 5 = 2 \times 229 + 5 = 463$

104 → 5  
 $\text{अंश} = \frac{5600 \times 11\%}{100} = 627.2$

105 → 3  
 $\text{अंश} = \frac{35870 \times 100}{5600} = 647.7$

106 → 4 →  $\text{Amount} = 6272 \times \frac{5}{100} = 313.6$

107 → 5  
 31144 का 270 = 20 × 270  
 $39 \times x = 1259$   
 $x = 31$   
 मि.च.म. =  $2(31 + 270)$   
 $= 2(31 + 270) = 140$

108 → 2

109 → 8  
 $\frac{2}{5} \times 100 = 140\%$

110 → 3

111 → 4  
 $1250 - 1100 = 150$

112 → 1  
 $500 : 700 = 5 : 7$

113 → 3  
 S.P → 474, C.P → 311  
 $P.V. = \frac{163}{311} \times 100 = 52\%$

114 → 3  
 $A \rightarrow \frac{10 \times 8}{10 - 8} = \frac{10 \times 8}{2} = 40$  दिन

115 → 1  
 $P.V. = \frac{306}{1700} \times 100 = 18\%$

