

## SBI Clerk Prelims 2020 Memory Based Question Papers

**Directions (31-35):** Table given below shows the number of male and female participated in an event from five different schools (A, B, C, D & E). Study the table carefully and answer the following questions.

Schools	Male	Female
A	650	450
B	540	420
C	720	500
D	560	450
E	680	320

**Q31. Find average number of female participated from school - A, B & D.**

- (a) 400
- (b) 380
- (c) 350
- (d) 440
- (e) 450

**Q32. Total male participated from school - B & D together are how much more or less than total female participated from school - A & C together?**

- (a) 150
- (b) 110
- (c) 170
- (d) 120
- (e) 240

**Q33. Total male participated from school - B & C together are what percent more or less than total female participated from school - A & D together?**

- (a) 20%
- (b) 60%
- (c) 50%
- (d) 40%
- (e) 30%

**Q34. If total male participated from school - F are 40% more than that of from school - A and ratio of female participated from school - B to that of from school - F is 21:32, then find total students participated from school - F.**

- (a) 1420
- (b) 1550
- (c) 1580
- (d) 1460
- (e) 1490

## SBI CLERK PRELIMS

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**Q35. Find total number of male students participated from all the five schools together.**

- (a) 2860
- (b) 3150
- (c) 2940
- (d) 3200
- (e) 3020

**Direction (36–40): What will come in the place of question (?) mark in following number series:**

**Q36. ?, 100, 150, 375, 1312.5**

- (a) 100
- (b) 200
- (c) 150
- (d) 400
- (e) 50

**Q37. 104, ?, 96, 120, 88, 128**

- (a) 112
- (b) 110
- (c) 114
- (d) 118
- (e) 108

**Q38. 15, 8, 9, 15, 32, ?**

- (a) 66
- (b) 99
- (c) 80
- (d) 82.5
- (e) 80.5

**Q39. 6, 8, 14, 26, 46, ?**

- (a) 72
- (b) 84
- (c) 96
- (d) 80
- (e) 76

**Q40. 72000, 36000, 12000, 3000, 600, ?**

- (a) 120
- (b) 200
- (c) 300
- (d) 150
- (e) 100



**Q41. 12 men can do a work in 10 days while 10 women can do the same work in 18 days. In how many days 4 men & 6 women together can do the same work?**

- (a)  $\frac{120}{7}$  days
- (b) 24 days
- (c)  $\frac{180}{13}$  days
- (d) 15 days
- (e) 18 days

**Q42. A car can cover a distance in 4 hour at speed 60 kmph then by what percent should the speed of car be increased to cover the same distance in 2.5 hr?**

- (a) 60%
- (b) 40%
- (c) 50%
- (d) 100%
- (e) 75%

**Q43. The ratio of the ages of Ram and Rahim 10 years ago was 1 : 3. The ratio of their ages five years hence will be 2 : 3. Then, the ratio of their present ages is :**

- (a) 1 : 2
- (b) 3 : 5
- (c) 3 : 4
- (d) 2 : 5
- (e) None of these

**Q44. Two trains of length 140m & 120m are running in same direction on parallel tracks with speeds 132 kmph & 80 kmph respectively. How much time will they take to cross each other?**

- (a) 7.09 sec
- (b) 18 sec
- (c) 11.7 sec
- (d) 4.42 sec
- (e) Cannot be determined

**Q45. A person sold a book at 20% profit. If he had bought it at 10% less cost and sold for Rs 90 more then he would have gained 40% profit. Find cost price of book.**

- (a) Rs 800
- (b) Rs 1600
- (c) Rs 1500
- (d) None of these
- (e) Rs 1200



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Starts February 22, 2020

**5 PM To 8 PM**

**Direction (46–50):** In each question two equations numbered (I) and (II) are given. You have to solve both the equations and mark appropriate answer.

- (a) If  $x=y$  or no relation can be established
- (b) If  $x>y$
- (c) If  $x<y$
- (d) If  $x\geq y$
- (e) If  $x\leq y$

**Q46. I.**  $x = \sqrt{25}$                       **II.**  $y^3 = 125$

**Q47. I.**  $x^2 + 2x - 35 = 0$                       **II.**  $y^2 + 15y + 56 = 0$

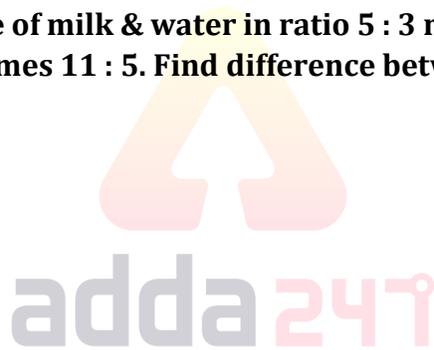
**Q48. I.**  $x^2 = 81$                                       **II.**  $y^2 = 64$

**Q49. I.**  $17x^2 - 14x - 83 = -80$                       **II.**  $y^2 = 2y + 35$

**Q50. I.**  $x^2 + 4x - 45 = 0$                       **II.**  $y^2 - 13y + 40 = 0$

**Q51.** A container contains mixture of milk & water in ratio 5 : 3 respectively. If 8 lit milk is added in it then ratio of milk to water becomes 11 : 5. Find difference between initial quantity of milk & that of water.

- (a) 5 lit
- (b) 38 lit
- (c) 18 lit
- (d) 30 lit
- (e) 10 lit



**Q52.** Rs 6000 when invested at a certain rate at SI for 2 years, it fetches Rs 1200. If same sum is invested at same rate for a year compounded half - yearly then find compound interest.

- (a) Rs 615
- (b) Rs 600
- (c) Rs 1200
- (d) Rs 585
- (e) Rs 1260

**Q53.** A boat can cover 28 km downstream in 42 min. ratio of speed of boat in still water to speed of stream is 7 : 3. Find difference between time taken by boat to cover 60 km downstream & 40 km upstream.

- (a) 2.25 hr
- (b) 1 hr
- (c) 1.5 hr
- (d) 0.4 hr
- (e) 0.9 hr

**Q54. A & B entered into a business by investing total capital of Rs 17000. B withdraws Rs 1500 after 6 months and gets Rs 8100 as profit out of total profit of Rs 19500 at the end of year. Find capital of B after 6 months from starting.**

- (a) Rs 7000
- (b) Rs 9500
- (c) Rs 7500
- (d) Rs 6000
- (e) Rs 6500

**Q55. If length of a rectangle increases by 40% while keeping breadth constant then area of rectangle increased by 24 m<sup>2</sup> and perimeter of original rectangle is 32 m. find breadth of rectangle.**

- (a) 8.4 m
- (b) 10 m
- (c) 6 m
- (d) 14 m
- (e) 8 m

**Direction (56–65): What will come in the place of (?) mark in following question.**

**Q56.  $280 \div 4 \div 2 = 170 - ?$**

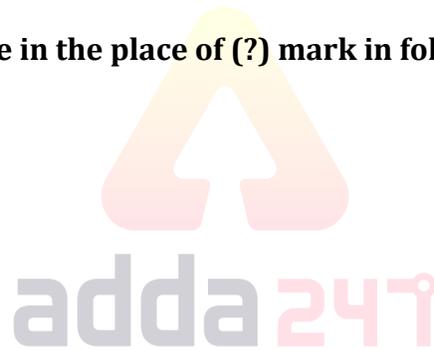
- (a) 105
- (b) 115
- (c) 125
- (d) 135
- (e) 145

**Q57.  $(\sqrt{144} + \sqrt{169}) \times 3 = \frac{?}{5}$**

- (a) 375
- (b) 325
- (c) 350
- (d) 275
- (e) 475

**Q58.  $(12 \times 5 \div 4) \times 8 = ?$**

- (a) 100
- (b) 140
- (c) 120
- (d) 80
- (e) 90



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**Q59.**  $(120\% \text{ of } 750) \div ? = 25$

- (a) 30
- (b) 36
- (c) 24
- (d) 18
- (e) 48

**Q60.**  $8\frac{1}{2} - 4\frac{5}{6} = ? - 3\frac{7}{12}$

- (a)  $3\frac{1}{4}$
- (b)  $3\frac{5}{12}$
- (c)  $2\frac{7}{12}$
- (d)  $7\frac{1}{4}$
- (e)  $5\frac{2}{3}$

**Q61.**  $275 + 64\% \text{ of } 750 = 750 + ?$

- (a) 25
- (b) 8
- (c) 10
- (d) 15
- (e) 5



**Q62.**  $\sqrt{225} + \sqrt{81} + 12^2 = ?$

- (a) 168
- (b) 164
- (c) 162
- (d) 172
- (e) 182

**Q63.**  $\frac{510}{?} = \sqrt{324} + 3.25$

- (a) 12
- (b) 48
- (c) 24
- (d) 6
- (e) 18

**Q64. 12.5% of (120 + ?) = 45**

- (a) 160
- (b) 180
- (c) 360
- (d) 240
- (e) 120

**Q65.  $572 \div 13 \times 12 - 16 = (8)^?$**

- (a) 4
- (b) 2
- (c) 3
- (d) 5
- (e) None of these

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