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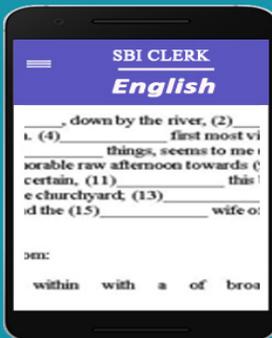


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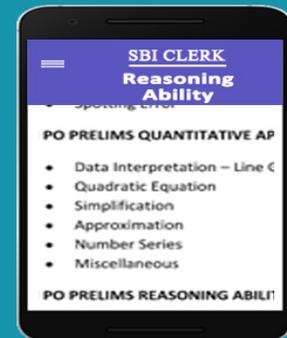
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MEMORY BASED SBI CLERK PRELIMS PRACTICE SET based on 28th May 2016 Exam

QUANTITATIVE APTITUDE

Directions (36-40): What should come in place of the question mark (?) in the following number series?

36. 68, ?, 77, 104, 168, 293
 (a) 69 (b) 70 (c) 68
 (d) 74 (e) None of these
37. 18, 19.7, 16.3, 23.1, 9.5, ?
 (a) 36.5 (b) 36.8 (c) 36.7
 (d) 36.8 (e) None of these
38. 2, 5, 12, 27, 58, ?
 (a) 122 (b) 121 (c) 123
 (d) 120 (e) None of these
39. 16, 8, 12, 30, ?, 472.5
 (a) 104 (b) 103 (c) 106
 (d) 105 (e) None of these
40. 334, ?, 226, 217, 214, 213
 (a) 253 (b) 251 (c) 252
 (d) 254 (e) None of these
41. Suhas decided to donate 15% of his salary. On the day of donation he changed his mind and donated Rs.1,650 which was 11/15th of what he had decided to donate earlier. How much is Suhas' salary?
 (a) Rs. 12000 (b) Rs. 13500
 (c) Rs. 15000 (d) Rs. 16500
 (e) none of these
42. Work done by A in one day is four times the work done by B in one day, while the work done by B in one day is one-third of the work done by C in one day. C alone can complete the work in 16 days. In how many days can all the three together complete the work?
 (a) 12 days
 (b) 10 days
 (c) 8 days
 (d) 6 days
 (e) none of these
43. The total of the ages of a class of 60 girls is 900 years. The average age of 20 of the girls is 12 years and that of the other 20 girls is 16 years. What is the average age of the remaining girls?
 (a) 14 years
 (b) 15 years
 (c) 16 years
 (d) 17 years
 (e) none of these
44. A and B started a business with initial investments in the ratio 5 : 7. If after one year their profits were in the

ratio 1 : 2 and the period for A's investment was 7 months, B invested the money for

- (a) 6 months
 (b) 2 ½ months
 (c) 10 months
 (d) 4 months
 (e) 7 months
45. A shopkeeper sold an article for Rs.1,380 at a loss of 8%. At what price should it be sold to gain a profit of 8%?
 (a) Rs. 1560
 (b) Rs. 1620
 (c) Rs. 1680
 (d) Rs. 1740
 (e) None of these

Directions (Q. 46-50): What should come in place of question mark (?) in the following questions?

46. 60% of 480 + 48% of 600 = ?
 (a) 766 (b) 288
 (c) 576 (d) 276
 (e) None of these
47. $5580 - 73 \times 12 + ? = 4824$
 (a) 160 (b) 320
 (c) 180 (d) 120
 (e) None of these
48. $\sqrt{3969} + \sqrt{7921} = ?$
 (a) 148 (b) 150
 (c) 152 (d) 154
 (e) 156
49. $\sqrt{7} + 416 = (60\% \text{ of } 920) - 110$
 (a) 576 (b) 676
 (c) 784 (d) 1024
 (e) 1156
50. $1170 \div 26 + (785 - 423 + ?) = 440$
 (a) 37 (b) 33
 (c) 38 (d) 43
 (e) None of these
51. A profit of 25% is earned on goods when a discount of 20% is allowed on the marked price. What profit percentage will be earned when a discount of 10% is allowed on the marked price?
 (a) $45\frac{3}{11}\%$ (b) $42\frac{3}{4}\%$
 (c) $40\frac{5}{8}\%$ (d) $37\frac{2}{3}\%$
 (e) None of these
52. The compound interest on a certain sum for 2 years at 20% per annum is Rs. 880. The simple interest on the same sum for double the time at half the rate percent per annum is:
 (a) Rs. 800 (b) Rs.1000
 (c) Rs. 1200 (d) Rs. 1600
 (e) None of these

53. A tap can empty a tank in one hour. A second tap can empty it in 30 min. If both the taps operate simultaneously, how much time is needed to empty the tank?
 (a) 20 min (b) 30 min
 (c) 40 min (d) 45 min
 (e) None of these
54. When the price of sugar decreases by 10%, a man could buy 1 kg more for Rs. 270. The original price of sugar per kg is?
 (a) Rs. 25 (b) Rs. 30
 (c) Rs. 27 (d) Rs. 32
 (e) None of these
55. A train passes a 50 m long platform in 14 s and a man standing on a platform in 10 s. The speed of the train is
 (a) 24 km/h (b) 26 km/h
 (c) 40 km/h (d) 45 km/h
 (e) None of these

Directions (Q. 56-60): What should come in place of question mark (?) in the following questions?

56. $\sqrt[3]{17.576} \times 15 = ?$
 (a) 36 (b) 39
 (c) 42 (d) 45
 (e) 48
57. 40% of 60% of $\frac{3}{5}$ of 2750 = ?
 (a) 372 (b) 384
 (c) 396 (d) 412
 (e) 424
58. $134.27 - 48.76 + 519.08 - 178.60 = ?$
 (a) 421.49 (b) 425.99
 (c) 427.89 (d) 431.19
 (e) 437.49
59. $44544 \div 348 = ?$
 (a) 122 (b) 126 (c) 128 (d) 132
 (e) 132
60. $3939 \div 3 + 6363 \div 3 - 9696 \div 6 = ?$
 (a) 2064 (b) 1572 (c) 1464 (d) 1818
 (e) 1564

Directions (Q, NOS. 61-65): Study the following and answer the questions given below it

Expenditures of a company (in Rs. Lakh) per annum over the given years

Items 09					
years	Salary	Fuel and transport	Bonus	Interest on loans	Taxes
2006	288	98	3.00	23.4	83
2007	342	11	2.52	32.5	108
2008	324	101	3.84	41.6	74
2009	336	133	3.68	36.4	88
2010	420	142	3.96	49.4	98

61. What is the average amount of interest per year which the company had to pay during this period?
 (a) Rs. 32.43 lakh (b) Rs. 33.72 lakh
 (c) Rs. 34.18 lakh (d) Rs. 36.66 lakh
 (e) none of these
62. The total amount of bonus paid by the company during the given period is approximately what per cent of the total amount of salary paid during this period?
 (a) 0.1 % (b) 0.5 %
 (c) 1 % (d) 1.25 %
 (e) none of these
63. The total expenditure on all these items in 2006 was approximately what per cent of the total expenditure in 2010 ?
 (a) 62% (b) 66%
 (c) 69% (d) 71%
 (e) none of these
64. What is the total expenditure of the company over these items during the year 2008?
 (a) Rs. 544.44 lakh (b) Rs. 501.11 lakh
 (c) Rs. 446.46 lakh (d) Rs. 478.87 lakh
 (e) none of these
65. The ratio between the total expenditure on taxes for all the years and the total expenditure on fuel and transport for all the years, respectively is approximately
 (a) 4 : 7 (b) 10 : 13
 (c) 15 : 18 (d) 5 : 8
 (e) none of these
66. The difference between $\frac{4}{5}$ of a number and 45% of the number is 56. What is 65% of the number?
 (a) 96 (b) 104 (c) 112 (d) 120
 (e) None of these
67. A man can row three-quarters of a kilometer against the stream in $45/4$ minutes and return in $15/2$ minutes. The speed of the man in still water is:
 (a) 2 km/hr (b) 3 km/hr (c) 4 km/hr (d) 5 km/hr (e) 6 km/hr
68. Three numbers are A,B and C are in the ratio 1:2:3 and their average is 600.if A is increases by 10% and B is decrease by 20%,then the average increased by 5%, C will be increase by ?
 (a) 250 (b)150 (c) 200 (d)160 (e)180



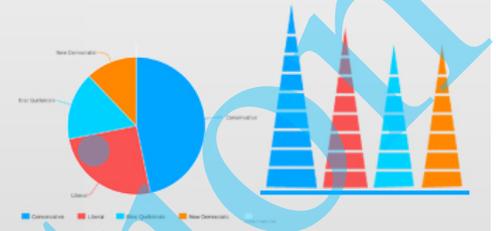
69. The milk and water in two vessels A and B are in the ratio 4:3 and 2:3 respectively. In what ratio the liquids in both the vessels be mixed to obtain a new mixture in vessel c consisting half milk and half water?

- (a) 8 : 3
- (b) 7 : 5
- (c) 4 : 3
- (d) 2 : 3
- (e) none of these

70. What would be the area of a rectangle whose area is equal to the area of a circle of radius 7 cm?

- (a) 77 cm²
- (b) 154 cm²
- (c) 184 cm²
- (d) 180 cm²
- (e) 150 cm²

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