What is the area of a square?

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Banking Special

Countinued from February 14th

Directions (51 - 55): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and Give answer

1) If the data in Statement I alone is sufficient to answer the question, while the data in Statement II alone is not sufficient to answer the question.

2) If the data in Statement II alone is sufficient to answer the question, while the data in Statement I alone is not sufficient to answer the question.

3) If the data either in Statement I alone or in Statement II alone is sufficient to answer the question.

4) If the data in both the Statements I and II even together are not sufficient to answer the question.

5) If the data in both the Statements I and II together are necessary to answer the question.

51. What is the area of a square?
I. The measure of the diagonal of the square is 80 cm.
II. The perimeter of the square is equal to the circumference of a circle.

52. What is Asha's present salary?
I. Her salary increases every year by 15 per cent.
II. She joined the organization seven years ago.

53. What is the rate of interest p.c.p.a.?
I. The compound interest accrued on an amount of Rs 1,500 at the end of 2 years is Rs 660.
II. An amount doubles itself in 5 years at simple interest.

54. What is the total staff strength of the organization?
I. 75% of the staff consists of male employees.
II. The ratio of female to male employees in the organization is 1 : 3.

55. What is a two-digit number?
I. The sum of the two digits of the number is 8.
II. The number obtained by interchanging the two digits of the number is lesser than the original number by 18.

Directions (56 - 60): Find the number that will come in place of question mark (?) in the following number series

56. 90   110   132   156   182   ?
1) 207   2) 307   3) 309
4) 323   5) 210

57. 2   18   95   384   1155   ?
1) 2212   2) 2629   3) 2735
4) 2312   5) 2412

58. 7   18   51   106   183   ?
1) 282   2) 395   3) 295
4) 280   5) None of these

59. 37   42   57   82   117   ?
1) 166   2) 162   3) 157
4)159   5) None of these

60. 33   321   465   537   573   591   ?
1) 600   2) 610   3) 590
4) 595   5) None of these

61. A 456- litre mixture of milk and water contains milk and water in the ratio of 7 : 5. How many milk is to be added to the mixture to get a new mixture of milk and water in the ratio of 9 : 5 ?

1) 80 litres   2) 86 litres
3) 76 litres   4) 75 litres   5) 77 litres

62. An amount of 9800 is lent at a certain rate of interest. After 66 months, an additional amount of 5700 is lent at a rate 3.5 times higher than the former. At the end of nine years 11061.75 is earned as interest on both the loans. What was the original rate of interest?
1) 65%   2) 7%
3) 7.5%   4) 8%   5) 14%

63. Two stations A and B are 462 km apart. A train leaves Station A for Station B and at the same time another train leaves Station B for Station A. Both train meet 5.5 hours after they start moving. If the train that from Station A is 28 km/hr faster than the other one, what is the ratio of the speeds of the trains?
1) 3:2   2) 2:5   3) 2:1   4) 4:3   5) 5:3

64. A sum was put at a certain rate of interest for five years. Had it been put at a rate of interest 5% higher than the previous rate of interest it would have fetched 72.5 more. What is the sum?
1) 290   2) 280   3) 295
4) 390   5) 380

65. Rajeev and Rakesh can do a piece of work in 28 days. Rajeev is 7/4 times as efficient as Rakesh. In how many days can Rajeev alone finish the work?
1) 77   2) 55
3) 33   4) 40   5) 44

66. A train crosses a 120-metre and a 70-metre long platform in 17 seconds and 12 seconds respectively. What is the speed of the train?
1) 10 m/sec   2) 16 m/sec
3) 20 m/sec   4) 24 m/sec
5) 30 m/sec

67. A certain amount of money is put on simple interest at a certain rate for 4 years. Had it been put at 3% higher rate, it would have fetched Rs 360 more. What is the amount?
1) Rs 2400   2) Rs 3000
3) Rs 3600   4) Rs 4200
5) None of these

68. In a party every person shakes hands with every other person. If there were a total of 120 handshakes in the party then what is the number of persons present in the party?
1) 15   2) 16   3) 17
4) 18   5) 20

Directions (69 - 70): What approximate value should come in the place of question mark (?) in the following questions?

69. (72)2 × 2.85
1) 12825   2) 13625   3) 14775
4) 15625   5) 16875

70. (475% of 884) ÷ 35 = ?
1) 116   2) 120   3) 124
4) 127   5) 132

Test III: English Language

Directions (71 - 75): Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

71. After the _____ of Lloyd George, British politics was _____ by Baldwin and Ramsay Macdonald.
1) commencement, ruled
2) eclipse, designed

3) eclipse, dominated
4) accomplishment, finished
5) emergence, surrounded

72. The World Heritage _____ represents the interdependence of the world's natural and cultural _____.
1) emblem, diversity 2) symbol, diversity
3) mark, unity   4) sign, universality
5) emblem, unity

73. Your secretary always complains _____ me _____ you.
1) to, against   2) for, against
3) against, to   4) to, for   5) of, to

74. The World Cup matches will be played _____ Feb, 14 _____ March 29, 2015.
1) From, and   2) from, to
3) between, to   4) since, till
5) since, until

75. We have placed _____ for some newly designed _____ for our laboratory.
1) an order, widget
2) orders, adornment   3) orders, device
4) orders, apparatus   5) an order, gizmo

Direction (76 - 80): In the following items, each passage consists of six sentences. The first sentence (S1) and the final sentence (S6) are given. The middle four sentences in each have been removed and jumbled up. These are labeled as A), B), C) and D). You are required to find out the proper sequence of the four sentences from the five alternatives.

76. S1: Discussions on drug addiction should also be concerned with the vast majority of people who are not addicts.
A) What makes him dangerous is the desperate need for money to buy the next dose.
B) Their homes and lives are insecure because our narcotics laws drive such people to crime.
C) Drugs are available only in an illegal black market.
D) The drug addict is almost never dangerous when he is under the influence of drugs.
S6: The costs are stupendous, and this is what drives the addict to steal, rob and even kill.
1) DBAC   2) BDAC   3) BDCA
4) DACB   5) DCBA

77. S1: Many doctors flatly refused to believe Jenner when he announced that he had found a preventive against smallpox.
A) Some of the 'vacca' used by Jenner were not pure and some harms were done; but when supplies of pure vaccine were available, the practice of vaccinating spread all over England and from England to other countries.
B) The Latin word for cow is 'vacca'; it is the root from which the word vaccination was formed.
C) They declared vaccination to be a dangerous practice.
D) But the dread of smallpox was in everybody's heart, and people flocked to Jenner to be vaccinated.
S6: We hardly hear of outbreaks of smallpox now.
1) ADCB   2) CABD   3) BCAD
4) DCBA   5) CDBA

78. S1: The sky was already full of rusting wings.
A) The house above the world had its huge bay-windows through which one could see the horizon from one edge to the other.
B) Then he suddenly swam back to land and

clambered up the winding path to his house.
C) But when Jean stepped into the still lusterless water, he seemed to be swimming in an indeterminate darkness until he saw the streaks of red and gold over the horizon.
D) After a great deal of panting he reached a little gate, pushed it open and climbed a stairway.
S6: Here, no one complained of exhaustion; everyone had his joy to conquer, every day.
1) CBDA   2) BCAD 3) ADBC
4) DACB   5) ACBD

79. S1: Fortunately, it is as yet only through fantasy that we can see what the destruction of the scholarly and scientific disciplines would mean to mankind.
A) The ability of the man of disciplined mind to direct this power effectively upon problems for which he has not specifically trained is proved by examples without number.
B) The sheer power of disciplined thought is revealed in practically all the great intellectual and technological advances which the human race has made.
C) The real evidence for the value of liberal education lies in history and in the biographies of men who have met the valid criteria of greatness.
D) From history we can learn what their existence has meant.
S6: These support overwhelmingly the claim of liberal education that it can equip a man with fundamental powers of decision and action, applicable not only to boy-girl relationship, to tinkering hobbies, or to choosing the family dentist, but to all the great and varied concerns of human life not least, those that are unforeseen.
1) ACBD   2) DCAB   3) DBAC
4) BDCA   5) CADB

80. S1: The art of growing old is one which the passage of time has forced upon my attention.
A) Psychologically there are two dangers to be guarded against in old age. One of these is undue absorption in the past.
B) It does not do to live in memories, in regrets for the good old days.
C) This is not always easy; one's past is a gradually increasing weight.
D) One's thoughts must be directed to the future.
S6: The other thing to be avoided is clinging to youth on the hope of sucking vigor from its vitality.
1) DBCA   2) CBDA   3) BDAC
4) ABDC   5) ADCB

ANSWERS					
51–1	52-4	53-3	54-4	55-5	56-5
57-4	58-1	59-2	60-1	61–3	62-2
63-3	64-1	65-5	66-1	67-2	68-2
69-3	70-2	71–3	72-1	73-1	74-2
75-4	76-2	77-5	78-1	79-3	80-4