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TEST II QUANTITATIVE APTITUDE

Q.76-80. What approximate value should come in place of the question mark (?) in the following questions?

(Note: You are not expected to calculate the exact value.)

Q.76. 12959.998 ÷ 18.010 = ?
(1) 840 (2) 990
(3) 570 (4) 680
(5) 720

Q.77. 40.005% of 439.998 + ?% of 655.011 = 228.5
(1) 8 (2) 17 (3) 12
(4) 20 (5) 5

Q.78. 6894.986 + 5025.005 + 600.020 = ?
(1) 12170 (2) 13540
(3) 12950 (4) 11560
(5) 12520

Q.79. 31.999 × 12.001 × 17.5001 = ?
(1) 6600 (2) 6720
(3) 6480 (4) 6070
(5) 6270

Q.80. $(10.998)^3$ = ?
(1) 1440 (2) 1730
(3) 1330 (4) 1640
(5) 1000

Q.81. Mrudul invested an amount of Rs. 29,500/- in order to start a business. Shalaka joined her 4 months later by investing an amount of Rs. 33,500/-. If the business earned a profit of Rs. 1,20,575/- at the end of two years, what was Mrudul's share of the profit?
(1) Rs. 60,725/-
(2) Rs. 61,950/-
(3) Rs. 59,250/-
(4) Rs. 58,625/-
(5) None of these

Q.82. What is the least number that can be added to the number 1020 to make it a perfect square?
(1) 65 (2) 12 (3) 59
(4) 4 (5) None of these

Q.83. Philip, Tom and Brad start jogging around a circular field and complete a single round in 18, 22 and 30 seconds respectively. In how much time will they meet again at the starting point?
(1) 8 mins. 15 secs.
(2) 21 mins
(3) 16 mins. 30 secs.
(4) 12 mins.
(5) None of these

Q.84. A water tank has three taps A, B and C. Tap A, when opened, can fill the water tank alone in 4 hours. Tap B, when opened, can fill the water tank alone in 6 hours and tap C, when opened, can empty the water tank alone in 3 hours. If taps A, B and C are opened simultaneously how long will it take it take to fill the tank completely?
(1) 10 hours (2) 8 hours
(3) 18 hours (4) 12 hours
(5) None of these

Q85. What total amount would Mithilesh get at the three years if he invests an amount of Rs. 11,200/- in a scheme which offers simple interest @ 8.5 p. c. p. a. for three years?
(1) Rs. 14,056/-
(2) Rs. 14,348/-
(3) Rs. 13,852/-
(4) Rs. 15,064/-
(5) None of these

.86-90. What should come in place of the question mark (?) in the following questions?

Q.86. 1111.1 + 111.11 + 11.111 = ?
(1) 1232.231
(2) 1233.123
(3) 1332.331
(4) 1323.132
(5) None of these

Q.87. 12.4 × ? × 16.5 = 2905.32
(1) 13.4 (2) 15.2 (3) 16.2
(4) 14.2 (5) None of these

Q.88. $(?)^3$ = 1913
(1) 27 (2) 19 (3) 17
(4) 29
(5) None of these

Q.89. 8080 ÷ 80 ÷ 8 = ?
(1) 800 (2) 12.625
(3) 10.545 (4) 808
(5) None of these

Q.90. 25% of 84 × 24% of 85 = ?
(1) 424.2 (2) 488.4 (3) 482.8
(4) 428.4 (5) None of these

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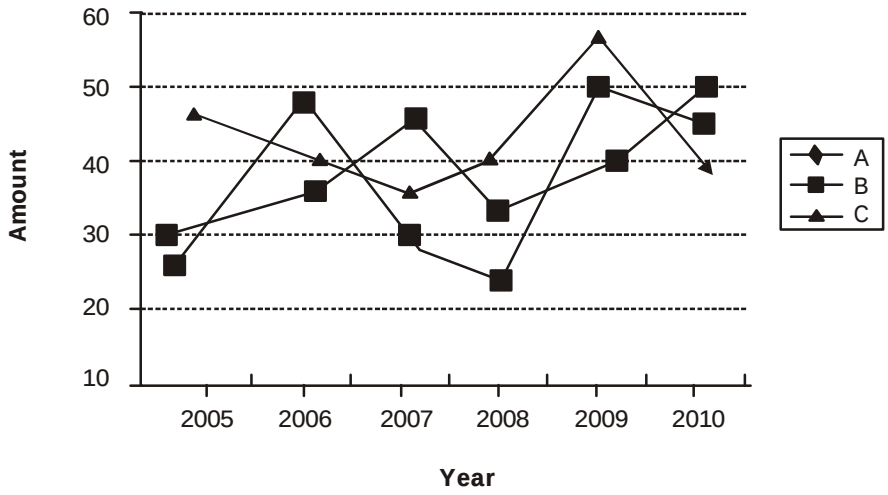
Q.91. Prasad sold his work for Rs. 1,850/- and earned a profit of 25 percent. At what price did Prasad buy the work tools?
(1) Rs. 1,360/-
(2) Rs. 1,300/-
(3) Rs. 1,240/-
(4) Rs. 1,480/-
(5) None of these

Q.92. What would be the cost of building a fence around a square plot with area 462.25 sq. ft. at the rate of Rs. 34/- per foot?
(1) Rs. 2,924/- (2) Rs. 2,682/-
(3) Rs. 2,846/-
(4) Cannot be determined
(5) None of these

Q.93-97. Study the following graph carefully to answer the questions—

Amounts invested (in Rs. Thousands) by three people in Schemes over the years



Q.93. What is the average amount invested in the year 2009 by all the three people together?
(1) Rs. 28,350/- (2) Rs. $48,333\frac{1}{3}$
(3) Rs. $32,333\frac{1}{3}$ (4) Rs. 45,000/-
(5) None of these

Q.94. What is the percent decrease in the amount invested by C in the year 2007 from the previous year?
(1) 11.3 (2) 13.5
(3) 12 : 5 (4) 14.3
(5) None of these

Q.95. What is the respective ratio of total amount invested by B in the years 2008 and 2010 together to the total amount invested by C in those two years together?
(1) 7 : 8 (2) 14 : 15
(3) 6 : 7 (4) 12 : 13
(5) None of these

Q.96. The amount invested by A in the year

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2006 is approximately what percent of the total amount invested by him over all the years together?
(1) 15 (2) 19 (3) 21
(4) 8 (5) 11

Q.97. What was the total amount invested by all the three people together in the year 2005?
(1) Rs. 10,000/-
(2) Rs. 10,00,000/-
(3) Rs. 1,000/-
(4) Rs. 100/-
(5) None of these

Q.98-102. Study the following information given below and answer the questions that follow—

A building consists of men and women who spend their leisure time in watching movies, learning dance and learning singing. 8 men, who form ten percent of the total number of men in the building, learn to dance. The total number of women in the building is 62.5 percent of total number of men in the building. Twenty four percent of the total number of women learns to sing. One-fifth of the total number of women watches movies. The ratio of the number of men watching movies to the number of women doing the same is 13 : 2 respectively.

Q.98. What is the respective ratio of the number of men learning dance to the number of women doing the same?
(1) 8 : 11 (2) 5 : 9
(3) 2 : 7 (4) 3 : 5
(5) None of these

Q.99. The total number of women in the building is approximately what percent of the total number of members (men and women together) in the building?
(1) 45 (2) 33 (3) 42
(4) 27 (5) 38

Q.100. What is the number of women learning dance?
(1) 28 (2) 22 (3) 30
(4) 24 (5) None of these

Q101. The number of men who like watching movies is what percent of the total number of men in the building?
(1) 79.75 (2) 83.45 (3) 81.25
(4) 72.15 (5) None of these

Q.102. What is the total number of members (men and women together) learning singing?
(1) 21 (2) 13 (3) 18
(4) 15 (5) None of these

Q.103-107. What should come in place of the question mark (?) in the following number series?

Q.103. 3 732 1244 1587 1928 ?
(1) 2144 (2) 1992 (3) 1955
(4) 2053 (5) None of these

Q104. 16 24 ? 210 945 5197.5 33783.75
(1) 40 (2) 36 (3) 58
(4) 60 (5) None of these

Q.105. 45030 9000 1795 355 68 ?
(1) 11.6 (2) 12.2 (3) 10.4
(4) 9.8 (5) None of these

Q.106. 5 12 123 ? 2555 15342
(1) 508 (2) 381 (3) 504
(4) 635 (5) None of these

Q.107. 8 11 17 ? 65 165.5 498.5
(1) 27.5 (2) 32 (3) 28
(4) 30.5 (5) None of these

Q.108-112. Each of the questions given below consists of a question and two statements numbered I and II given below it. You have to decide whether

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the data provided in the statements is 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 date in statement II alone is not sufficient to answer the question.

Give answer (2) if the data in statement II alone is sufficient to answer the question, while the date in statement I alone is not sufficient to answer the question.

Give answer (3) if the data in statement I alone or in statement II alone is sufficient to answer the question.

Give answer (4) if the data in both the statements I and II is not sufficient to answer the question.

Give answer (5) if the data in both the statements I and II together is necessary to answer the question.

Q.108. What is the salary of C, in a group of A, B, C, D and E whose average salary is Rs. 48,250/-

I. C's salary is 1.5 times B's salary.

II. Average salary of A and B is Rs. 23,500/-

Q.109. What is the percent profit earned by selling a car for Rs, 6,40,000/-

I. The amount of profit earned on selling the car was Rs. 3,20,000/-

II. The selling price of the car was twice the cost price.

Q.110. What is the rate of interest p. c. p. a. ?

I. An amount of Rs. 14,350/- gives a simple interest of Rs. 11,480 in your years.

II. The amount doubles itself in 5 years with simple interest.

Q.111. What is the two digit number?

I. The difference between the two digits of the number is 9.

II. The product of the two digits of the number is 0.

Q.112. What is the perimeter of the rectangle?

I. The area of the rectangle is 252 sq. mts.

II. The ratio of length to breadth of the rectangle is 9 : 7 respectively.

Q.113-115. Study the given information carefully to answer the questions that follow:–

A committee of 6 teachers is to be formed out of 4 science teachers, 5 arts teachers and 3 commerce teachers. In how many different ways can the committee be formed if —

Q.113. two teachers from each stream are to be include?

(1) 210
(2) 180
(3) 145
(4) 96
(5) None of these

Q.114. no teacher from the commerce stream is to be included?

(1) 81
(2) 62
(3) 46
(4) 84
(5) None of these

Q.115. any teacher can be included in the committee?

(1) 626
(2) 718
(3) 924
(4) 844
(5) None of these

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Q.116-120. Study the following table carefully to answer the questions that follow:—

Number of people (in hundreds) participating in the Annual Fair from six different towns over the years

Year	Town					
	P	Q	R	S	T	U
2005	4.2	5.5	4.5	5.8	6.0	5.7
2006	5.1	5.3	6.2	5.7	6.1	6.2
2007	6.3	5.1	6.5	5.3	5.9	6.6
2008	4.4	5.0	5.9	5.1	5.3	5.1
2009	5.8	5.4	5.4	4.9	5.5	4.4
2010	6.2	6.8	4.9	4.8	5.7	4.3

Q.116. Number of people participating in the Fair from town P in the year 2010 forms approximately what percent of the total number of people participating in the Fair from that town over all the years together?
(1) 19 (2) 24 (3) 27
(4) 12 (5) None of these

Q.117. What is the respective ratio of total number of people participating in the Far from town S in the years 2006 and 2007 together to the number of people participating in the Fair from town R in the same years?
(1) 8 : 9 (2) 110 : 127
(3) 136 : 143 (4) 11 : 12
(5) None of these

Q.118. What is the percent increase in the number of people participating in the Fair from town T in the year 2009 from the previous year? (rounded off to two digits after decimal)
(1) 4.15 (2) 3.77 (3) 1.68
(4) 2.83 (5) None of these

Q.119. What is the average number of people participating in the Fair from town U over all the years together?
(1) 515 (2) 523 (3) 567
(4) 541 (5) 538

Q.120. How many people participated in the Fair from all the towns together in the year 2005?
(1) 3290 (2) 3100 (3) 3240
(4) 3170 (5) None of these

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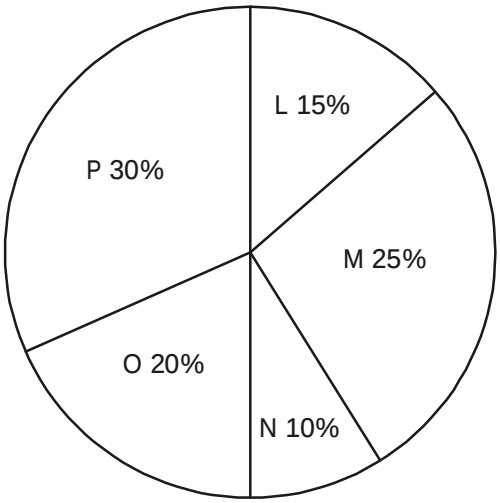
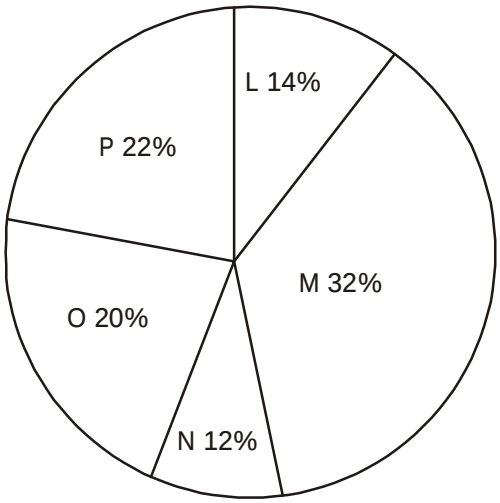
Q.121-125. Study the following pie-charts carefully to answer the questions that follow:—

Percentage break-up of number of children in five different villages and breakup of children attending school from those villages

Total number of Children = 2040



Total Children attending School = 1450



Q.121. What is the respective ratio of total number of children from village O to the number of children attending school from the same village?
(1) 204 : 145 (2) 179 : 131
(3) 167 : 111 (4) 266 : 137
(5) None of these

Q.122. What is the number of children attending school from village N?
(1) 145
(2) 159
(3) 170
(4) 164
(5) None of these

Q.123. What is the total number of children not attending school from villages M and N together?
(1) 69 (2) 56 (3) 76
(4) 63
(5) None of these

Q.124. What is the total number of children from villages P and M together?
(1) 1422
(2) 1142
(3) 1122
(4) 1211
(5) None of these

Q.125. The number of children attending school from village L is approximately what percent of the total number of children from that village?
(1) 78
(2) 72
(3) 57
(4) 84
(5) 66

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76.(1)	77.(5)	78.(3)	79.(5)	80.(4)					
81.(4)	82.(1)	83.(4)	84.(1)	85.(5)	86.(2)	87.(2)	88.(5)	89.(3)	90.(3)
91.(2)	92.(1)	93.(2)	94.(3)	95.(1)	96.(1)	97.(5)	98.(3)	99.(5)	100.(1)
101.(3)	102.(5)	103.(2)	104.(4)	105.(1)	106.(1)	107.(4)	108.(4)	109.(3)	110.(3)
111.(5)	112.(5)	113.(2)	114.(4)	115.(3)	116.(1)	117.(2)	118.(2)	119.(5)	120.(4)
121.(1)	122.(5)	123.(3)	124.(3)	125.(5)					

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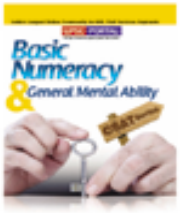

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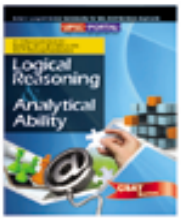

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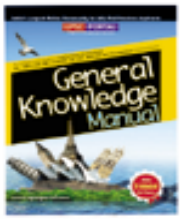

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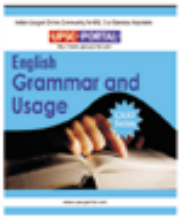

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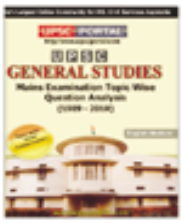

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