

P.O. Exam Paper (2011)

PO EXAM PAPER Punjab & Sindh Bank

Held on: 23-01-2011

Based on Memory

TEST II QUANTITATIVE APTITUDE

76-85. What should come in place of the question mark (?) in the following questions?

76. $\frac{9 \div 2 \times 27 \div 9}{18 \div 7.5 \times 5 \div 4} = ?$

- (1) 4.5 (2) 5.7
(3) 2.5 (4) 6.8
(5) None of these

77. ?% of 280 + 18% % of 550 = 143.8

- (1) 11 (2) 18

(3) 21 (4) 16

(5) None of these

78. $8.88 \times 88.8 \times 88 = ?$

(1) 68301.142 (2) 79391.642

(3) 65356.824 (4) 76218.414

(5) None of these

79. $\sqrt{\sqrt{2500} + \sqrt{961}} = (?)^2$

(1) 81 (2) 3

(3) 6561 (4) 9

(5) None of these

80. $1\frac{4}{7} + 1\frac{3}{5} + 1\frac{1}{3} = ?$



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- (1) $5\frac{47}{105}$ (2) $4\frac{58}{105}$
 (3) $4\frac{53}{105}$ (4) $5\frac{43}{105}$
 (5) None of these
81. $15 : 66 :: 185 : ?$
 (1) 824 (2) 644
 (3) 604 (4) 814
 (5) None of these
82. $64^{12} \div 4^{15} = 64^?$
 (1) 9 (2) 3
 (3) 12 (4) 7
 (5) None of these
83. $14\% \text{ of } 80 + ?\% \text{ of } 90 = 31.9$
 (1) 16 (2) 23
 (3) 18 (4) 26
 (5) None of these
84. $\sqrt{97344} = ?$
 (1) 302 (2) 322
 (3) 292 (4) 342
 (5) None of these
85. $3\frac{6}{7} - 6\frac{1}{4} + 5\frac{1}{3} = ?$
 (1) $1\frac{65}{84}$ (2) $8\frac{1}{84}$
 (3) $2\frac{79}{84}$ (4) $5\frac{47}{84}$
 (5) None of these

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

86. 15 18 16 17 20 ?
 (1) 23 (2) 22
 (3) 16 (4) 18

- (5) None of these
87. 1050 420 168 67.2 26.88 10.752 ?
 (1) 4.3008 (2) 6.5038
 (3) 4.4015 (4) 5.6002
 (5) None of these
88. 0 6 24 60 120 210 ?
 (1) 343 (2) 280
 (3) 335 (4) 295
 (5) None of these
89. 32 49 83 151 287 559 ?
 (1) 1118 (2) 979
 (3) 1103 (4) 1120
 (5) None of these
90. 462 552 650 756 870 992 ?
 (1) 1040 (2) 1122
 (3) 1132 (4) 1050
 (5) None of these

91-95. 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.)

91. $5554.999 \div 50.007 = ?$
 (1) 110 (2) 150
 (3) 200 (4) 50
 (5) 125
92. $(18.001)^3 = ?$
 (1) 5830 (2) 5500
 (3) 6000 (4) 6480
 (5) 5240
93. $23.001 \times 18.999 \times 7.998 = ?$
 (1) 4200 (2) 3000
 (3) 3500 (4) 4000
 (5) 2500
94. $9999 \div 99 \div 9 = ?$
 (1) 18 (2) 15
 (3) 6 (4) 11
 (5) 20



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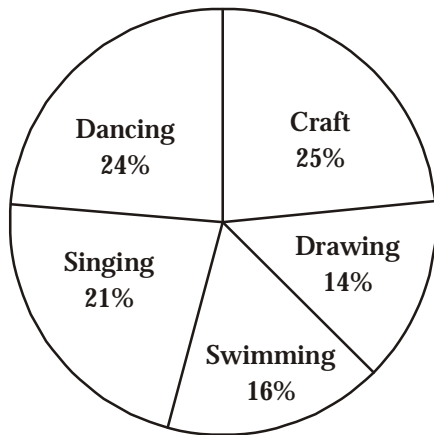
95. 22.005% of $449.999 = ?$
 (1) 85 (2) 100
 (3) 125 (4) 75
 (5) 150
96. A sum of Rs. 731/- is divided among A, B and C, such that 'A' receives 25% more than 'B' and 'B' receives 25% less than 'C'. What is C's share in the amount?
 (1) Rs. 172/- (2) Rs. 200/-
 (3) Rs. 262/- (4) Rs. 258/-
 (5) None of these
97. In how many different ways can the letters of the word 'PRAISE' be arranged?
 (1) 720 (2) 610
 (3) 360 (4) 210
 (5) None of these
98. If the numerator of a fraction is increased by 150% and the denominator of the fraction is increased by 300%, the resultant fraction is $\frac{5}{18}$. What is the original fraction?
 (1) $\frac{4}{9}$ (2) $\frac{4}{5}$
 (3) $\frac{8}{9}$ (4) $\frac{8}{11}$
 (5) None of these
99. A car covers the first 39 kms. of its journey in 45 minutes and covers the remaining 25 kms. in 35 minutes. What is the average speed of the car?
 (1) 40 kms./hr (2) 64 kms./hr
 (3) 49 kms./hr (4) 48 kms./hr
 (5) None of these
100. Four examiners can examine a certain number of answer papers in 10 days by working for 5 hours a day. For how many hours in a day would 2 examiners have to work in order to examine twice the number of answer papers in 20 days?
 (1) 8 hours (2) $7\frac{1}{2}$ hours
 (3) 10 hours (4) $8\frac{1}{2}$ hours
 (5) None of these
-
- 101-105. In each of these questions, two equations are given. You have to solve these questions and find out the values of x and y and—
-
- | | Give answer | if |
|--|-------------|------------|
| | (1) | $x < y$ |
| | (2) | $x > y$ |
| | (3) | $x \leq y$ |
| | (4) | $x \geq y$ |
| | (5) | $x = y$ |
101. I. $16x^2 + 20x + 6 = 0$
 II. $10y^2 + 38y + 24 = 0$
102. I. $18x^2 + 18x + 4 = 0$
 II. $12y^2 + 29y + 14 = 0$
103. I. $8x^2 + 6x = 5$
 II. $12y^2 - 22y + 8 = 0$
104. I. $17x^2 + 48x = 9$
 II. $13y^2 = 32y - 12$
105. I. $4x + 7y = 209$
 II. $12x - 14y = -38$



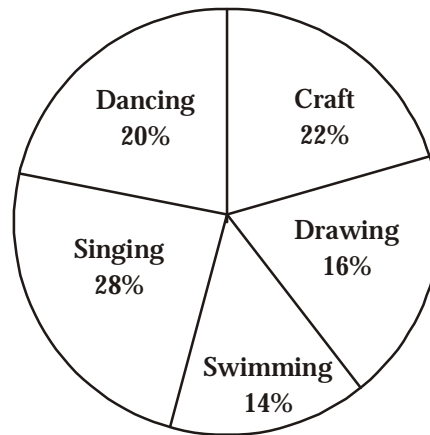
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106-110. Study the pie-chart carefully to answer the following questions.

Percentage of students enrolled in different activities in a school
N = 3000



Percentage break-up of girls enrolled in these activities out of the total students.
N = 1750

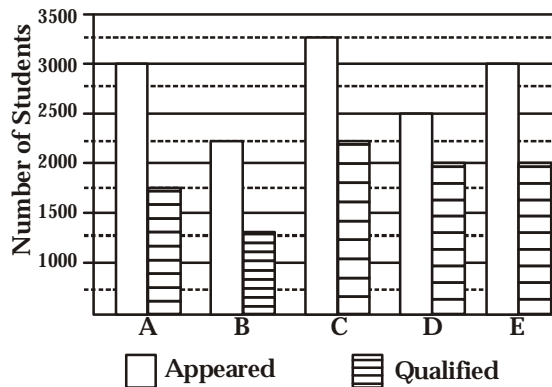


106. What is the approximate percentage of boys in the school?
 (1) 34 (2) 56
 (3) 28 (4) 50
 (5) 42
107. How many boys are enrolled in Singing and Craft together?
 (1) 505 (2) 610
 (3) 485 (4) 420
 (5) None of these
108. What is the total number of girls enrolled in Swimming and Drawing together?
 (1) 480 (2) 525
 (3) 505 (4) 495
 (5) None of these
109. Number of girls enrolled in Dancing form what per cent of total number of students in the school?
 (1) 12.35 (2) 14.12
 (3) 11.67 (4) 10.08
 (5) None of these
110. What is the respective ratio of number of girls enrolled in Swimming to the number of boys enrolled in Swimming?
 (1) 47.49 (2) 23.29
 (3) 29.23 (4) 49.47
 (5) None of these

111-115. Study the following graph carefully and answer questions given below it.

Total number of students appeared and qualified from various schools at a Scholarship Exam

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111. The average number of students qualified at the examination from schools C and D are what percent of the average number of students appeared for the examination from the same school? (Rounded off to two digits after decimal)
- (1) 58.62 (2) 73.91
 (3) 62.58 (4) 58.96
 (5) None of these
112. What is the respective ratio of the number of students appeared to the number of students qualified at the Scholarship exam from School C?
- (1) 7 : 12 (2) 6 : 5
 (3) 9 : 13 (4) 9 : 10
 (5) None of these
113. What is the respective ratio of the number of students qualified at the Scholarship examination from school A and the number of students qualified at the examination from school B?
- (1) 8 : 3 (2) 5 : 7
 (3) 7 : 3 (4) 9 : 5
 (5) None of these
114. The number of students appeared for the Scholarship exam from School D are approximately what percent of the total number of students appeared for the exam from all the schools together?
- (1) 12 (2) 24
 (3) 29 (4) 18
 (5) 8
115. What is the difference between the average number of students appeared in the Scholarship exam from all the given schools and the average number of students qualified from all the given schools?
- (1) 950 (2) 1100
 (3) 990 (4) 1020
 (5) None of these
116. The difference between the amount of compound interest and simple accrued on an amount of Rs. 26,000/- at the end of 3 years is Rs. 2994.134. What is the rate of interest p.c.p.a.?
- (1) 22 (2) 17
 (3) 19 (4) Cannot be determined
 (5) None of these
117. On a shelf there are 4 books on Economics, 3 books on Management and 4 books on Statics. In how many different ways can the books be arranged so that the books on Economics are kept together?
- (1) 967680 (2) 120960
 (3) 5040 (4) 40320
 (5) None of these
118. 6 women and 6 men together can complete a piece of work in 6 days.

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- In how many days can 15 men alone complete the piece of work if 9 women alone can complete the work in 10 days?
- (1) 6 (2) 5
 (3) 7.2
 (4) Cannot be determined
 (5) None of these
119. Ravi borrowed some money at the rate of 4 p.c.p.a. for the first three years, at the rate of 8 p.c.p.a. for the period beyond 5 years. If he pays a total simple interest of Rs. 19,550/- at the end of 7 years, how much money did he borrow?
- (1) Rs. 39,500/-
 (2) Rs. 42,500/-
 (3) Rs. 41,900/-
 (4) Rs. 43,000/-
 (5) None of these
120. What is the area of a circle whose radius is equal to the side of a square whose perimeter is 112 meters?
- (1) 176 Sq.m (2) 2504 Sq.m
 (3) 284 Sq.m (4) 1956 Sq.m
 (5) None of these

121-125. Study the following table carefully to answer the questions that follow:

College/Year	P	Q	R	S	T	U
2004	2500	2250	2450	2150	2020	2300
2005	2040	2300	2400	2200	2090	2120
2006	2100	2150	2330	2250	2180	2260
2007	2280	2600	2260	2340	2250	2490
2008	2540	2540	2120	2380	2310	2520
2009	2320	2440	2500	2480	2400	2440

121. What is the total number of students from all the Colleges together in the year 2005?
- (1) 10350 (2) 13150
 (3) 15310 (4) 11350
 (5) None of these
122. What is the percent increase in the number of students in College T in the year 2007 from the previous year? (rounded off to two digits after decimal)
- (1) 8.33 (2) 5.18
 (3) 6.63 (4) 3.21
 (5) None of these
123. Number of students in College P in the year 2008 from approximately what percent of the total number of students in that College from all the years together?
- (1) 11 (2) 31
 (3) 18 (4) 26
 (5) 23
124. What is the respective ratio of total number of students in College S in the years 2006 and 2009 together to the total number of students in College U from the same years?

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- (1) 473 : 470 (2) 470 : 473
(3) 371 : 390 (4) 390 : 371
(5) None of these
125. What is the average number of students in all the Colleges together in the year 2004? (rounded off to the nearest integer)
- (1) 2208 (2) 2196
(3) 2144 (4) 2324
(5) 2278