

NAT I Commerce Quantitative

Sr	Questions	Answers Choice
1	How many cents will r books cost if t books cost m dollars ?	
2	An angle is 30° more than one-half its complement. Find the angle.	A. 20° B. 30° C. 50° D. 60°
3	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
4	$x\sqrt{0.09} = 3$: $x = ?$	A. 10 B. $\frac{1}{3}$ C. $\frac{1}{10}$ D. 1
5	$1764 \div 17.64 \div 0.5$	A. 100 B. 20 C. 0.2 D. 200
6	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
7	How many cents will r books cost if t books cost m dollars?	A. $100mr / t$ B. $mr / 100$ C. $100t / mr$ D. $m / 100t$
8	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank?	A. 300 B. 750 C. $250 \frac{3}{5}$ D. $333 \frac{1}{3}$
9	If $a^2 - b^2 = 36$ and $a - b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. $\frac{3}{2}$
10	If $abc = 2$ and $a = c$ then $b =$	A. a^2 B. $\frac{1}{2a}$ C. $\frac{2}{a^2}$ D. $2 - a^2$
11	A rectangle is 16 cm long and 10 cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by	A. 169 B. 256 C. 100 D. 9 E. None of the above
12	$19 \times 11 + 18 \times 6 \div 24 \times 3 - 62$	A. 20.7 B. $21 \frac{7}{8}$ C. 1.47 D. 31.7
13	If p is a negative integer and $p^2 + 11p = t$, a value of t could be:	A. 12 B. 18 C. -18 D. 11
14	If $x + 3y = 7$ and $2x + y = 5$ then value x/y is?	A. $\frac{1}{2}$ B. $\frac{1}{3}$ C. $\frac{2}{5}$ D. $\frac{8}{9}$
15	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7

16	$224\sqrt{0.88} = ? \times 1122$	B. 20.2 C. 19.3 D. 2.27
17	A factory employs M men and W women. What part of its employees are women ?	A. $W/(W+M)$ B. W/M C. $(W+M)/M$ D. M/W
18	$? \times 12 = 75\%$ of 336	A. 48 B. 252 C. 28 D. 21
19	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank ?	A. 300 B. 750 C. 250 $\frac{3}{4}$ D. 333 $\frac{1}{3}$
20	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m. Thursday of the same week ?	A. $\frac{1}{10}$ B. $\frac{1}{18}$ C. $\frac{1}{15}$ D. $\frac{1}{12}$
21	A piece of fabric is cut into three sections so that the first is three times as long as the second and the second is three times as long as the third. What part of the entire piece is the smallest section ?	A. $\frac{2}{5}$ B. $\frac{3}{7}$ C. $\frac{2}{3}$ D. $\frac{1}{13}$
22	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-b
23	A motion was passed by a vote of 5 : 3. what part of the votes cast was is favor of the motion?	A. $\frac{3}{5}$ B. $\frac{5}{8}$ C. $\frac{3}{8}$ D. $\frac{5}{3}$
24	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence?	A. 20 B. 400 C. 2000 D. 1000
25	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
26	$\frac{5}{3} + \frac{7}{6} + \frac{9}{3} + \frac{7}{2} = ?$	A. $\frac{28}{3}$ B. $\frac{112}{3}$ C. $\frac{28}{12}$ D. $\frac{14}{7}$
27	$\frac{1}{x} = \frac{1}{y} + \frac{1}{z}$ then 'x' in terms of 'y' and 'z' is given by?	A. $(y+z) / (y-z)$ B. $yz / (y+z)$ C. $(y+z) / yz$ D. $\frac{1}{z} - \frac{1}{y}$
28	If it takes 10 minutes to walk $\frac{3}{4}$ mile, how many minutes will it take to walk the rest of the mile?	A. 2 $\frac{1}{3}$ B. 13 $\frac{1}{3}$ C. 4 $\frac{2}{7}$ D. 30
29	$\frac{3}{4}$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
30	If Myra had bowling scores of b + 6, b - 2, b + 4, and b - 5, what must she score in the next game to get an overall average of b + 2 ?	A. b + 7 B. b - 3 C. b + 3 D. b - 7
31	If 7 apples cost y cents, how many apples will x dollars buy ?	A. $x / 7y$ B. $7x / y$ C. $7x / 100y$ D. $700x / y$
32	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
33	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours?	A. 8000 B. 9000 C. 300 D. 900

34	Question Image	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
35	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$
36	A man opens a bookstall with a capital of Rs.25000. In three months his capital amounts to rupees 27500. What is the increase percent?	A. 1% B. 10% C. 20% D. 7%
37	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
38	$7/3 \div 35/18 \div 54/20 = ?$	A. $49/4$ B. $4/9$ C. $4/63$ D. $81/35$
39	If apples cost 3 for 37 cents, find the cost of $1\frac{3}{4}$ dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
40	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was $13\frac{1}{5}$, what should be the correct answer to the example?	A. $2\frac{8}{11}$ B. $5/66$ C. $2\frac{1}{5}$ D. $11/30$
41	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase ? (25%)	A. 25% B. 50% C. 15% D. 20%
42	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
43	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
44	$Z + 1/Z = 2$; $Z = ?$	A. 2 B. 1 C. $1/2$ D. $1\frac{1}{2}$
45	Question Image	A. 5 B. 10 C. 110 D. 125
46	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days?	A. $576/x$ B. $48/5x$ C. $24/x$ D. $576/5x$
47	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?	A. b C. $10a+b+c$
48	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
49	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	A. x^2 B. $x^{\sup>2\</sup>-3}$ C. $(x-3)^{\sup>2\</sup>/7}$ D. None
50	Question Image	A. 15 B. 30 C. 45 D. 72
51	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. $2(x^{\sup>2\</sup>+y^{\sup>2\</sup>})$ C. $4xy$ D. $-4xy$

A. 19.0

52	How many miles are there between two cities if the distance is represented by a 2.4 inch line on a map having a scale of 1 inch to 8 miles?	B. 12.8 C. 8.5 D. 38
53	A man bought 27 packets of Chilli Milli at \$280 each, 9 packets of Chilli Milli at \$320 each and 6 packets of Chilli Milli at \$360 each. Find the average price per packet of Chilli Milli.	A. \$250 B. \$300 C. \$400 D. \$380
54	Change $27/7$ to a mixed number.	A. $6 \frac{1}{3}$ B. $7 \frac{1}{2}$ C. $3 \frac{6}{7}$ D. $2 \frac{1}{7}$
55	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles ?	A. 19.2 B. 12.8 C. 8.5 D. 38
56	Question Image	A. $25/32$ B. $7/8$ C. $32/25$ D. $11/10$
57	Question Image	A. 40 B. 50 C. 120 D. 130
58	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100
59	When $3x^2+5x+7$ is subtracted from x^2+8x+3 the result is?	A. $5x^2-3x+4$ B. $3x-2x^2-4$ C. $x^2+8x+10$ D. $11x^2+3x+10$
60	Find the value of x if $3 : b = x : c$.	
61	If $x\%$ of 60 = 48, then x = ?	A. 80 B. 60 C. 90 D. 40
62	$2x^2y$ when multiplied with $x^2 + y^2$ gives ?	A. $2x^2y^3 + 2xy^3$ B. $2x^4y + 2x^2y^3$ C. $2xy^2 + 2x^2y$ D. $2xy^3 + 2x^3y$
63	The average of x,y,z and 40 is 10. What is the average of x,y, and z.	A. 10 B. 0 C. 2 D. 15
64	If $2x + y + 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
65	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60 ?	A. 120 B. 60 C. 100 D. 70
66	$x + y = 17$ and $x = 2$, then value of y?	A. 13 B. 15 C. 19 D. 10
67	If $4x - y = 13$ and $3x - 2y = 7$ then what is the average of 'x' and 'y'?	A. 4 B. 3 C. 2 D. 6

A. 10 sides

68	If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ?	B. 8 sides C. 12 sides D. 9 sides
69	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
70	$Ay - b = c - dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. $38/2$ C. $38/3$ D. $38/5$
71	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
72	If p is a negative integer and $P^2 + 11p = t$, a value of t could be	A. 12 B. 18 C. -18 D. 11
73	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make ?	A. $25 \frac{3}{5}$ B. $5 \frac{3}{5}$ C. 20 D. 128
74	Question Image	A. 30 B. 39 C. 80 D. 78
75	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
76	In Myra had bowling scores of $b+6$, $b-2$, $b+4$, and $b-5$. what must she score in the next game to get overall average of $b+2$?	A. $b+7$ B. $b-3$ C. $b+3$ D. $b-7$
77	The average height of five men is 68 inches. If one man is 70 inches tall and three other have an average of 67 inches, the height of the fifth man, in inches, is:	A. 68 B. 69 C. 70 D. 71
78	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
79	$\sqrt{256} \div \sqrt{64} = ?$	A. $1/4$ B. $26/8$ C. 16 D. 4
80	$x^2 = 1681$, $x = ?$	A. 31 B. 41 C. 51 D. 61
81	Question Image	A. 55 B. 70 C. 110 D. 125
82	If $(p-3)(p+5) > (p-3)(p+8)$, what is the best description of p ?	A. $p = 3$ B. $-8 < p < -5$ C. $p = \{ \text{ } \}$ D. $p < 3$
83	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filed per day ?	A. 50 B. 95 C. 84 D. 74
84	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
85	A man opens a bookstall with a capital of Rs. 25000. In three month his capital amounts to rupees 27500. What is the increase percent ?	A. 1% B. 10% C. 20% D. 7%

86	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
87	A man spent 10% of his money. After spending 60% of the remainder he has Rs. 72 left. How much had he in the start ?	A. 10 B. 100 C. 200 D. 400
88	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
89	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together ?	A. 90 B. 90 C. 60 D. 30
90	David receives his allowance on Sunday. He spends $\frac{1}{4}$ of his allowance on Monday and $\frac{2}{3}$ of the remainder on Tuesday. What part of his allowance is left for the rest of the week ?	A. $\frac{2}{3}$ B. $\frac{4}{5}$ C. $\frac{6}{7}$ D. $\frac{1}{4}$
91	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	A. 1 B. 2 C. 3 D. 4
92	Question Image	A. $41\sqrt{O}$ B. $65\sqrt{O}$ C. $115\sqrt{O}$ D. $106\sqrt{O}$
93	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
94	If the area of two circles are in the ratio 169 : 196 then ratio of their radii is	A. 13 : 11 B. 10 : 13 C. 14 : 13 D. 13 : 14
95	A and B can do a jobs in 6 days. If A does the job alone he takes 10 days.What will be time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
96	A and B can do a job in 6 day. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone ?	A. 8 B. 6 C. 15 D. 3
97	Question Image	A. b B. b-180 C. 90-b D. 180-b
98	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours ?	A. 8000 B. 9000 C. 300 D. 900
99	The value of $\{0.5^4 - 0.4^4\} / \{0.5^2 + 0.4^2\}$ is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
100	$Ay-b=c$,dy what is 'y' in terms of 'a', 'b' and 'c'?	A. $(c+b) / (a+d)$ B. $(c-b) / (a+d)$ C. $(c-b) / (a+d)$ D. $(c+b) / (a-d)$
101	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase?	A. 25% B. 50% C. 15% D. 20%
102	If $3x+5y=10$ and $3y+5x=30$ then average if 'x' and 'y' is?	A. $\frac{3}{2}$ B. 4 C. $\frac{5}{2}$ D. $\frac{7}{2}$
103	The population of a city increased in two years from 25,000 to 30,000: find the increase percent during the time.	A. 10% B. 20% C. 40% D. 5%

104	If the radius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
105	Question Image	A. 20 B. 25 C. 40 D. 50
106	If apples cost 3 for 37 cents, find the cost of $1\frac{3}{4}$ dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
107	If the ratio of $x : y$ is $9 : 7$, then $x+y$ is	A. 16 B. 2 C. 1 D. None
108	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
109	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
110	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
111	A team played 30 games of which it won 24. What part of the games played did it close?	A. $\frac{1}{5}$ B. $\frac{5}{6}$ C. $\frac{6}{5}$ D. 5
112	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
113	Find the ratio of 18 inches to 2 yards.	A. $\frac{3}{4}$ B. $\frac{1}{4}$ C. $\frac{1}{5}$ D. $\frac{2}{5}$
114	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
115	A 4 cm cube is cut into 1 cm cubes. What is the percentage increase in the surface area after such cutting?	A. 4% B. 300% C. 75% D. 400%
116	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
117	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $\frac{13}{20}$
118	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
119	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
120	A man bought 27 packets of Chilli Milli at \$280 each, 9 packets of Chilli Milli at \$320 each and 6 packets of Chilli Milli at \$360 each. Find the average price per packet of Chilli Milli.	A. \$250 B. \$300 C. \$400 D. \$380
121	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the	A. $\frac{2}{3}$ B. $\frac{1}{3}$ C. $\frac{2}{5}$

	staff earns below Rs. 15,000 ?	C. $\frac{2}{5}$ D. $\frac{3}{5}$
122	$2244 - 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
123	$(160 - 130)(270 - 240) / 2250 + 50 = ?$	A. $\frac{4}{3}$ B. $\frac{2}{3}$ C. 45 D. 20
124	The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of height now becomes 5.25. What is the height of the new boy ?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
125	The average height of a class of 14 days is 5.3 feet. After new boy is admitted to the class ,the new average height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
126	Change $4\frac{4}{2}$ to an improper fraction:	A. $\frac{14}{3}$ B. $\frac{11}{3}$ C. $\frac{24}{3}$ D. $\frac{10}{3}$
127	$7 \times 21 \div 3 + 3 / 8 \div 4 \times 2$	A. 13 B. 17 C. 31 D. 1
128	$\frac{1}{2}$ of $44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
129	25% of $4 \div 4\%$ of 25 =?	A. 1 B. 3 C. 0 D. 6
130	If it takes 10 minutes to walk $\frac{3}{7}$ mile, how many minutes will it take to walk the rest of the mile ?	A. $2\frac{1}{3}$ B. $13\frac{1}{3}$ C. $4\frac{2}{7}$ D. 30
131	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her anser was $13\frac{1}{5}$, what should be the correct answer to the example ?	A. $2\frac{8}{11}$ B. $\frac{5}{66}$ C. $2\frac{1}{5}$ D. $\frac{11}{30}$
132	Mr.Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
133	t is an integer than 5. The expression that must represent an odd integer is:	A. $1(t+1)$ B. $9t-1$ C. $t^{>2}$ D. $2t-3$
134	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days ?	A. $\frac{576}{x}$ B. $\frac{48}{5x}$ C. $\frac{24}{x}$ D. $\frac{576}{5x}$
135	t is an integer greater than 5. The expression that must represent an odd integer is	A. $t(t+1)$ B. $3t-1$ C. $t^{>2}$ D. $2t-3$
136	If $(p-3)(p+4) > (p-3)(p+8)$, what is the best description of p?	A. $p=3$ B. $-8 \leq p \leq -5$ C. $p=\{ \}$ D. $p \geq 3$
137	If you have 50 green , 50 orange, and 50 yellow jelly beans, how many bags can you fill for Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans?	A. 12 B. 13 C. 16 D. 17
138	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8

139	Question Image	B. 18π C. 28π D. 32π
140	The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	A. 68 B. 69 C. 70 D. 71
141	In a school there are 400 students, of whom 70% are boys: what is the number of girls ?	A. 120 B. 200 C. 280 D. 2800
142	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
143	Question Image	A. $b-180$ B. $b-90$ C. $180-a/2$ D. $180-a$
144	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	A. b B. $a+1/10b+1/100c$ C. $10a+b+c$ D. $10a+b+c/10$
145	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is:	A. 8a B. 22a C. 14a D. $8a+6$
146	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
147	Find the sum of money, 11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
148	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours ?	A. 32 B. 4 C. 16 D. 8
149	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 a.m. Thursday of the same week?	A. $1/10$ B. $1/18$ C. $1/15$ D. $1/12$
150	A man spent 10% of his money .After spending 60% of the remainder he has Rs.72 left. How much had he in the start?	A. 10 B. 100 C. 200 D. 400
151	If a train travels $5/6$ mile in $1\frac{1}{4}$ minutes, how many miles will it travel in 1 hour ?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
152	If 'x' and 'y' are positive and $1/x=3+1/y$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determined D. They are equal
153	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
154	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
155	The value of $(x+y)^2 - (x-y)^2$ is?	A. 4 B. $x^2 + y^2$ C. $4xy$ D. $-4xy$
156	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
		A. $21/43$ B. $1/42$

157	If $(36)(?)(7)=21$, then ? equals	C. 1/12 D. 1/11
158	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
159	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. how much time in minutes is needed to fill the tank if both the pipes are working together?	A. 90 B. 50 C. 60 D. 30
160	The death rates for three diseases are : Disease R 2 People out of 10,000 Disease S 13 People out of 1,000,000 Disease T 9 People out of 100,000 Disease R 2 People out of 10,000 What is the combined death rate for the three diseases?	A. 123 out of 1,000,000 B. 42 out of 10,000 C. 42 out of 1000,000 D. 303 out of 1,000,000
161	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
162	Question Image	A. 40 B. 50 C. 90 D. 130
163	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
164	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence ?	A. 20 B. 400 C. 2000 D. 1000
165	Find the ratio of 18 inches to 2 yards.	
166	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make?	A. 25 3/5 B. 5 3/5 C. 20 D. 128
167	Question Image	A. a B. 90-a C. 180-a/2 D. 180-a
168	If a train travels 5/6 miles in 1 1/4 minutes, how many miles will it travel in 1 hour?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
169	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	A. 3600 B. 820 C. 1640 D. 4000
170	$11/3 + 8/3 + 17/3$	A. 14 B. 12 C. 11 D. 15
171	A clerk filled 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filled per day?	A. 50 B. 95 C. 84 D. 74
172	If $(36)(?)(7)=21$, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
173	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
174	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29

175	The average of x, y, z and 40 is 10. What is the average of x, y, and Z.	A. 10 B. 0 C. 2 D. 15
176	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
177	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is	A. 8a B. 22a C. 14a D. $8a + 6$
178	$\sqrt{169}/196 \times 14/\sqrt{1521} = ?$	A. 13/42 B. 1/13 C. 42/5 D. 1/42
179	Four people are asked to stand in a straight line. In how many different orders can they line up ?	A. 12 B. 16 C. 24 D. 6
180	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
181	If you have 50 green, 50 orange, and 50 yellow jelly beans, how many bags can you fill for Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans ?	A. 12 B. 13 C. 16 D. 17
182	Find the value of x if $3:b=x:c$.	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
183	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
184	What part of an hour elapses between 10:45 a.m. and 11:09 a.m. ?	A. 2/5 B. 3/5 C. 11/12 D. 2
185	Four people are asked to stand in a straight line. In how many different orders can they line up?	A. 12 B. 16 C. 24 D. 6
186	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
187	In a school there are 400 students , of whom 70% are boys. What is the number of girls?	A. 130 B. 200 C. 280 D. 2800
188	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
189	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
190	If $3\frac{1}{5}c = 2\frac{1}{2}b$ and $c \neq 0$, then $b/c = ?$	A. 25/32 B. 7/8 C. 32/25 D. 11/10
191	12% of x = 360	A. 250 B. 100 C. 400 D. 3000
192	If $abc = 2$ and $a = c$ then $b =$	A. $a^{\sup>2}$ B. $1/2a$

192. If $a = 2$ and $b = 3$, then

- C. $2/a^2$
D. $2-a^2$

193. Question Image

- A. 780
B. 585
C. 1170
D. 540