

NAT I Commerce Quantitative

Sr	Questions	Answers Choice
1	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
2	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. $\frac{5}{66}$ C. $2 \frac{1}{5}$ D. $\frac{11}{30}$
3	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
4	If 'x' and 'y' are positive and $\frac{1}{x} = 3 + \frac{1}{y}$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determined D. They are equal
5	If the ratio of x : y is 9 : 7, then x+y is	A. 16 B. 2 C. 1 D. None
6	Find the ratio of 18 inches to 2 yards.	A. $\frac{3}{4}$ B. $\frac{1}{4}$ C. $\frac{1}{5}$ D. $\frac{2}{5}$
7	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. $2(x^2 + y^2)$ C. $4xy$ D. $-4xy$
8	t is an integer greater than 5. The expression that must represent an odd integer is	A. $t(t+1)$ B. $3t-1$ C. $t^2 + 2$ D. $2t-3$
9	If $(p-3)(p+4) > (p-3)(p+8)$, what is the best description of p?	A. $p=3$ B. $-8 < p < -5$ C. $p \in \{ \}$ D. $p \leq 3$
10	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
11	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
12	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
13	25% of $4 \div 4\%$ of 25 = ?	A. 1 B. 3 C. 0 D. 6
14	$(x+y)^2 = 25$ and $x^2 + y^2 = 13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
15	A motion was passed by a vote of 5 : 3. what part of the votes cast was in favor of the motion?	A. $\frac{3}{5}$ B. $\frac{5}{8}$ C. $\frac{3}{8}$ D. $\frac{5}{3}$

16	Question Image	A. 20 B. 25 C. 40 D. 50
17	If $(36)(?)(7)=21$, then ? equals	A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$
18	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
19	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
20	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
21	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. $b - 7$
22	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%
23	If $a^2 - b^2 = 36$ and $a - b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. $3/2$
24	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
25	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $13/20$
26	If 7 apples cost y cents, how many apples will x dollars buy ?	A. $x / 7y$ B. $7x / y$ C. $7x / 100y$ D. $700x / y$
27	Question Image	A. b B. $b-180$ C. $90-b$ D. $180-b$
28	$7 \times 21 \div 3 + 3 / 8 \div 4 \times 2$	A. 13 B. 17 C. 31 D. 1
29	$? \times 12 = 75\%$ of 336	A. 48 B. 252 C. 28 D. 21
30	Question Image	A. 40 B. 50 C. 90 D. 130
31	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%
32	$224\sqrt{0.88} = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
33	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

	average of 0.7 and then average age.	<p>C. 12.1</p> <p>D. 14.35</p>
34	$1/2$ of $44 \div 2.2 = ?$	<p>A. 20</p> <p>B. 22</p> <p>C. 44</p> <p>D. 100</p>
35	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 ?	<p>A. 50</p> <p>B. 95</p> <p>C. 84</p> <p>D. 74</p>
36	$(190)^2 - (150)^2 = ?$	<p>A. 58600</p> <p>B. 13600</p> <p>C. 1360</p> <p>D. 1600</p>
37	How many integers between 28 and 98 are exactly divisible by 7 ?	<p>A. 9</p> <p>B. 11</p> <p>C. 12</p> <p>D. 8</p>
38	The value of $(x+y)^2 - (x-y)^2$ is?	<p>A. 4</p> <p>B. $x^2 + y^2$</p> <p>C. $4xy$</p> <p>D. $-4xy$</p>
39	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 ?	<p>A. 19.2</p> <p>B. 12.8</p> <p>C. 8.5</p> <p>D. 38</p>
40	$2.08 - (0.5)^2 = ?$	<p>A. -1.20</p> <p>B. 1.88</p> <p>C. 1.83</p> <p>D. 2.16</p>
41	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	<p>A. 169</p> <p>B. 256</p> <p>C. 100</p> <p>D. 9</p> <p>E. None of the above</p>
42	Four people are asked to stand in a straight line. In how many different orders can they line up ?	<p>A. 12</p> <p>B. 16</p> <p>C. 24</p> <p>D. 6</p>
43	If p is a negative integer and $P^2 + 11p = t$, a value of t could be	<p>A. 12</p> <p>B. 18</p> <p>C. -18</p> <p>D. 11</p>
44	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 ?	<p>A. $1/10$</p> <p>B. $1/18$</p> <p>C. $1/15$</p> <p>D. $1/12$</p>
45	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?	<p>A. 8</p> <p>B. 6</p> <p>C. 15</p> <p>D. 3</p>
46	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	<p>A. b</p> <p>B. $a + 1/10b + 1/100c$</p> <p>C. $10a + b + c$</p> <p>D. $10a + b + c/10$</p>
47	What is the sum of money, 6% of which is 18 dollars?	<p>A. 600</p> <p>B. 200</p> <p>C. 300</p> <p>D. 20</p>
48	When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is?	<p>A. $5x^2 - 3x + 4$</p> <p>B. $3x - 2x^2 - 4$</p> <p>C. $x^2 + 8x + 10$</p> <p>D. $11x^2 + 3x + 10$</p>
49	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?	<p>A. $1/10$</p> <p>B. $1/18$</p> <p>C. $1/15$</p> <p>D. $1/12$</p>
50	If a train travels $5/6$ miles in $1 \frac{1}{4}$ minutes, how many miles will it travel in 1 hour?	<p>A. 20 miles</p> <p>B. 50 miles</p> <p>C. 40 miles</p> <p>D. 30 miles</p>

51	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
52	Change $4\frac{4}{2}$ to an improper fraction:	A. $\frac{14}{3}$ B. $\frac{11}{3}$ C. $\frac{24}{3}$ D. $\frac{10}{3}$
53	$\frac{3}{4}$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
54	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%
55	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. $\frac{576}{5x}$
56	$\frac{5}{3} + \frac{7}{6} + \frac{9}{3} + \frac{7}{2} = ?$	A. $\frac{28}{3}$ B. $\frac{112}{3}$ C. $\frac{28}{12}$ D. $\frac{14}{7}$
57	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
58	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
59	Question Image	A. 4π B. 18π C. 28π D. 32π
60	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%
61	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. $8a+6$
62	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
63	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
64	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
65	Question Image	A. a B. 90-a C. $180-\frac{a}{2}$ D. $180-a$
66	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
67	$\sqrt{256} \div \sqrt{64} = ?$	A. $\frac{1}{4}$ B. $\frac{26}{8}$ C. 16 D. 4

68	Question Image	A. 40 B. 50 C. 120 D. 130
69	Question Image	A. 780 B. 585 C. 1170 D. 540
70	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
71	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
72	Find the value of x if $3 : b = x : c$.	
73	$(160 - 130) (270 - 240) / 2250 \div 50 = ?$	A. 4/3 B. 2/3 C. 45 D. 20
74	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
75	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
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 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%
78	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
79	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
80	$Z + \frac{1}{Z} = 2$; $Z = ?$	A. 2 B. 1 C. $\frac{1}{2}$ D. $1 \frac{1}{2}$
81	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
82	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
83	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. $\frac{576}{5x}$
84	If $3 \frac{1}{5} c = 2 \frac{1}{2} b$ and $c \neq 0$, then $b/c = ?$	A. $\frac{25}{32}$ B. $\frac{7}{8}$ C. $\frac{32}{25}$ D. $\frac{11}{10}$
85	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

86	If $x + 3y = 7$ and $2x + y = 5$ then value x/y is?	B. $\frac{1}{3}$ C. $\frac{2}{5}$ D. $\frac{8}{9}$
87	<div>Question Image</div>	A. a-180 B. 2a-180 C. $180-2a$ D. 180-b
88	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
89	$\frac{1}{x}=\frac{1}{y}+\frac{1}{z}$ then 'x' in terms of 'y' and 'z' is given by?	A. $(y+z) / (y-z)$ B. $\frac{yz}{(y+z)}$ C. $(y+z)/yz$ D. $\frac{1}{z}-\frac{1}{y}$
90	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
91	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. $\frac{5}{66}$ C. $2\frac{1}{5}$ D. $11\frac{3}{10}$
92	$(60)^2=?\times 72$	A. 3600 B. 3528 C. 0.02 D. 50
93	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
94	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
95	$x + y = 17$ and $x=2$, then value of y?	A. 13 B. 15 C. 19 D. 10
96	$0.007\div\sqrt[3]{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
97	<div>Question Image</div>	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
98	How many cents will r books cost if t books cost m dollars ?	
99	Change $\frac{27}{7}$ to a mixed number.	A. $6\frac{1}{3}$ B. $7\frac{1}{2}$ C. $3\frac{6}{7}$ D. $2\frac{1}{7}$
100	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. $p < 3$
101	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
102	t is an integer than 5. The expression that must represent an odd integer is:	A. $1(t+1)$ B. $9t-1$ C. $t^{2</sup>2</sup>$ D. $2t-3$
103	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
104	<div>Question Image</div>	A. $\frac{25}{32}$ B. $\frac{7}{8}$ C. $\frac{32}{25}$

105	David receives his allowance on Sunday. He spends 1/4 of his allowance on Monday and 2/3 of the remainder on Tuesday. What part of his allowance is left for the rest of the week?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
106	If $x\%$ of 60 = 48, then $x = ?$	A. 80 B. 60 C. 90 D. 40
107	$x\sqrt{0.09} = 3$: $x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
108	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
109	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 3/5 D. 333 1/3
110	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
111	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
112	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
113	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
114	A man has Rs. 2000, and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
115	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
116	$7/3 \div 35/18 \div 54/20 = ?$	A. 49/4 B. 4/9 C. 4/63 D. 81/35
117	$\sqrt{169} / 196 \times 14 / \sqrt{1521} = ?$	A. 13/42 B. 1/13 C. 42/5 D. 1/42
118	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
119	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%
120	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. 19.0 B. 12.8 C. 8.5 D. 38
121	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

122	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	B. 4 C. 3 D. 4
123	12% of $x = 360$	A. 250 B. 100 C. 400 D. 3000
124	Find the value of x if $3:b = x:c$.	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
125	How many cents will r books cost if t books cost m dollars?	A. $100mr / t$ B. $mr / 100$ C. $100t / mr$ D. $m / 100t$
126	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
127	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
128	If it takes 10 minutes to walk $3/7$ 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
129	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
130	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
131	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. $8a + 6$
132	If $3x + 5y = 10$ and $3y + 5x = 30$ then average of ' x ' and ' y ' is?	A. $3/2$ B. 4 C. $5/2$ D. $7/2$
133	An angle is 30° more than one-half its complement. Find the angle.	A. 20° B. 30° C. 50° D. 60°
134	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
135	$19 \times 11 + 18 \times 6 / 24 \times 3 - 62$	A. 20.7 B. $21 \frac{7}{8}$ C. 1.47 D. 31.7
136	If $2x + y + 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
137	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
138	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
139	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

140	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
141	Find the sum of money, 11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
142	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 staff earns below Rs. 15,000 ?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
143	Question Image	A. 15 B. 30 C. 45 D. 72
144	What is the number , 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
145	$2x^2y$ when multiplied with $x^2 + y^2$ gives ?	A. $2x^2y^2 + 2xy^3$ B. $2x^4y + 2x^2y^3$ C. $2xy^2 + 2x^2y$ D. $2xy^3 + 2x^3y$
146	$Ay - b = c$, 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. $(c+b) / (a-d)$
147	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
148	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
149	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
150	Question Image	A. 55 B. 70 C. 110 D. 125
151	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
152	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
153	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
154	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
155	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 $\frac{1}{3}$
156	If $x = 7y + 3$ and $z = 49y^2$ then what is 'z' in terms of x?	A. x^2 B. $x^2 - 3$ C. $(x-3)^2$ D. None

157	Question Image	<p>A. 30</p> <p>B. 39</p> <p>C. 80</p> <p>D. 78</p>
158	Find the ratio of 18 inches to 2 yards.	
159	$2244 - 0.88 = ? \times 1122$	<p>A. 20.02</p> <p>B. 20.2</p> <p>C. 19.3</p> <p>D. 2.27</p>
160	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.	<p>A. \$250</p> <p>B. \$300</p> <p>C. \$400</p> <p>D. \$380</p>
161	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
162	$x^2 = 1681$, $x = ?$	<p>A. 31</p> <p>B. 41</p> <p>C. 51</p> <p>D. 61</p>
163	$1764 \div 17.64 / 0.5$	<p>A. 100</p> <p>B. 20</p> <p>C. 0.2</p> <p>D. 200</p>
164	If $abc = 2$ and $a = c$ then $b =$	<p>A. a^2</p> <p>B. $1/2a$</p> <p>C. $2/a^2$</p> <p>D. $2 - a^2$</p>
165	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 ?	<p>A. 10</p> <p>B. 100</p> <p>C. 200</p> <p>D. 400</p>
166	If $abc = 2$ and $a = c$ then $b =$	<p>A. a^2</p> <p>B. $1/2a$</p> <p>C. $2/a^2$</p> <p>D. $2 - a^2$</p>
167	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	<p>A. 68</p> <p>B. 69</p> <p>C. 70</p> <p>D. 71</p>
168	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.	<p>A. 1200</p> <p>B. 1050</p> <p>C. 1030</p> <p>D. 7070</p>
169	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 ?	<p>A. $2/5$</p> <p>B. $3/7$</p> <p>C. $2/3$</p> <p>D. $1/13$</p>
170	A man has Rs.2000 and spends 18% of it. What money has he left now?	<p>A. 3600</p> <p>B. 820</p> <p>C. 1640</p> <p>D. 4000</p>
171	If the radius of a circle is increased by 20% then the area is increased by	<p>A. 44%</p> <p>B. 120%</p> <p>C. 144%</p> <p>D. 40%</p>
172	Which of the following is the sum of two consecutive prime numbers?	<p>A. 66</p> <p>B. 52</p> <p>C. 41</p> <p>D. 29</p>
173	$11/3 + 8/3 + 17/3$	<p>A. 14</p> <p>B. 12</p> <p>C. 11</p> <p>D. 15</p>

174	Question Image	A. $41\frac{1}{2}$ B. $65\frac{1}{2}$ C. $115\frac{1}{2}$ D. $106\frac{1}{2}$
175	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
176	Question Image	A. 5 B. 10 C. 110 D. 125
177	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
178	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
179	$(580 \times 12) - (645 \times 5) \div 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
180	A factory employs M men and W women. What part of its employees are women ?	A. $\frac{W}{W+M}$ B. $\frac{W}{M}$ C. $\frac{(W+M)}{M}$ D. $\frac{M}{W}$
181	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
182	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
183	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
184	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
185	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?	A. b C. $10a+b+c$
186	If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ?	A. 10 sides B. 8 sides C. 12 sides D. 9 sides
187	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
188	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%
189	Question Image	A. b-180 B. b-90 C. $180-a/2$ D. $180-a$
190	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
191	If $(36)(?)(7)=21$, then ? equals	A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$

192	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
193	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$