

NAT-IIB Biological Science Quantitative Easy Test

Sr	Questions	Answers Choice
1	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%
2	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
3	12 is 3/4 of what number ?	A. 20 B. 24 C. 16 D. 8
4	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 1/3 B. 13 1/3 C. 4 2/7 D. 30
5	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	A. 3600 B. 820 C. 1640 D. 4000
6	A team played 30 games of which it won 24. What part of the games played did it close ?	A. 1/5 B. 5/6 C. 6/5 D. 5
7	A man spent 10% of his money .After spending 60% of the reminder he has Rs.72 left. How much had he in the start?	A. 10 B. 100 C. 200 D. 400
8	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
9	The value of $(x+y)^2 - (x-y)^2$ is?	A. 4 B. $x^2 + y^2$ C. $4xy$ D. $-4xy$
10	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%
11	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
12	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
13	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
14	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

15	If $(36)(?)(7)=21$, then ? equals	B. $\frac{1}{42}$ C. $\frac{1}{12}$ D. $\frac{1}{11}$
16	Find the ratio of 18 inches to 2 yards.	A. $\frac{3}{4}$ B. $\frac{1}{4}$ C. $\frac{1}{5}$ D. $\frac{2}{5}$
17	If $abc = 2$ and $a = c$ then $b =$	A. $a^{\sup>2\</sup>}$ B. $\frac{1}{2a}$ C. $\frac{2}{a^{\sup>2\</sup>}}$ D. $2 - a^{\sup>2\</sup>}$
18	If $a^2 - b^2 = 36$ and $a - b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. $\frac{3}{2}$
19	$\frac{5}{3} + \frac{7}{6} + \frac{9}{3} + \frac{7}{2} = ?$	A. $\frac{28}{3}$ B. $\frac{112}{3}$ C. $\frac{28}{12}$ D. $\frac{14}{7}$
20	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
21	$\frac{7}{3} \div \frac{35}{18} \div \frac{54}{20} = ?$	A. $\frac{49}{4}$ B. $\frac{4}{9}$ C. $\frac{4}{63}$ D. $\frac{81}{35}$
22	? x 12 = 75% of 336	A. 48 B. 252 C. 28 D. 21
23	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
24	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
25	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
26	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
27	Question Image	A. 4π B. 18π C. 28π D. 32π
28	$\sqrt{256} \div \sqrt{64} = ?$	A. $\frac{1}{4}$ B. $\frac{26}{8}$ C. 16 D. 4
29	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
30	If a train travels $\frac{5}{6}$ miles 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
31	If the ratio of x : y is 9 : 7, then x+y is	A. 16 B. 2 C. 1 D. None
32	Question Image	A. $\frac{25}{32}$ B. $\frac{7}{8}$ C. $\frac{32}{25}$ D. $\frac{11}{10}$

33	A motion was passed by a vote of 5 : 3. what part of the votes cast was is favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3
34	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
35	Question Image	A. b B. b-180 C. 90-b D. 180-b
36	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
37	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
38	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
39	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%
40	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
41	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
42	If a train travels 5/6 mile 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
43	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-b
44	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
45	$2x^2y$ when multiplied with $x^2 + y^2$ gives ?	A. $2x^{2+2}y^{2+3} + 2xy^{3+3}$ B. $2x^{2+4}y^{2+3} + 2x^{2+2}y^{2+3}$ C. $2xy^{2+2} +$ $2x^{2+2}y$ D. $2xy^{3+3} + 2x^{3+3}y$
46	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
47	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
48	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
49	The average of x,y,z and 40 is 10. What is the average of x,y, adn z.	A. 10 B. 0 C. 2 D. 15


A. 1

50	25% of 4 ÷ 4% of 25 =?	B. 3 C. 0 D. 6
51	1764 ÷ 17.64 / 0.5	A. 100 B. 20 C. 0.2 D. 200
52	If $(36)(?)(7)=21$, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
53	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
54	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
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. 19.0 B. 12.8 C. 8.5 D. 38
56	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+2} D. $2t-3$
57	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. $\frac{11}{30}$
58	Question Image	A. 30 B. 39 C. 80 D. 78
59	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
60	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
61	If the radius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
62	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
63	If 7 apples cost y cents, how many apples will x dollars buy?	A. $\frac{x}{7y}$ B. $\frac{7x}{y}$ C. $\frac{7x}{100y}$ D. $\frac{700x}{y}$
64	Question Image	A. a B. 90-a C. $180-\frac{a}{2}$ D. $180-a$
65	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
66	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
67	Change $4\frac{4}{2}$ to an improper fraction:	A. $\frac{14}{3}$ B. $\frac{11}{3}$ C. $\frac{24}{3}$ D. $\frac{10}{3}$

68	If $(p-3)(p+4) > (p-3)(p+8)$, what is the best description of p ?	<p>A. $p=3$ B. $-8 \leq p \leq -5$ C. $p=\{ \}$ D. $p \leq 3$</p>
69	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 B. 100 C. 200 D. 400</p>
70	The value of $(x+y)^2 + (x-y)^2$ is?	<p>A. 4 B. $2(x^2+y^2)$ C. $4xy$ D. $-4xy$</p>
71	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:	<p>A. 68 B. 69 C. 70 D. 71</p>
72	$72 + 679 + 1439 + 537 + ? = 4036$	<p>A. 1309 B. 1208 C. 2308 D. 2423</p>
73	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. $1/10$ B. $1/18$ C. $1/15$ D. $1/12$</p>
74	If $(x+1/x)^2 = 96$ what is the value of $x^2 + 1/x^2$?	<p>A. 94 B. 98 C. 100 D. 90</p>
75	Question Image	<p>A. 780 B. 585 C. 1170 D. 540</p>
76	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	<p>A. x^2 B. x^2-3 C. $(x-3)^2/7$ D. None</p>
77	If 7 apples cost y cents, how many apples will x dollars buy ?	<p>A. $x / 7y$ B. $7x / y$ C. $7x / 100y$ D. $700x / y$</p>
78	Question Image	<p>A. 5 B. 10 C. 110 D. 125</p>
79	$9218 - 3546 + 2354 = ?$	<p>A. 8026 B. 8116 C. 10410 D. 23174</p>
80	Find the value of x if $3 : b = x : c$.	
81	Question Image	<p>A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48</p>
82	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?	<p>A. 25% B. 50% C. 15% D. 20%</p>
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 ?	<p>A. 50 B. 95 C. 84 D. 74</p>
84	$(60)^2 = ? \times 7$	<p>A. 3600 B. 3528 C. 0.02 D. 50</p>
85	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is	<p>A. 8a B. 22a C. 14a D. $8a + 6$</p>
86		<p>A. 3600 B. 3528</p>

86	(60)^(x-7)=?x^72	A. 0.02 B. 50 C. 500 D. 5000
87	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
88	12% of x =360	A. 250 B. 100 C. 400 D. 3000
89	When 3x^2+5x+7 is subtracted from x^2+8x+3 the result is?	A. 5x²-3x+4 B. 3x-2x<sup>2</sup>-4 C. x²+8x+10 D. 11x²+3x+10
90	(160 - 130) (270 - 240) / 2250÷ 50 =?	A. 4/3 B. 2/3 C. 45 D. 20
91	72/3÷ 18/6 =?	A. 72 B. 8 C. 18 D. 48
92	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
93	x^2 = 1681, x=?	A. 31 B. 41 C. 51 D. 61
94	224√ 0.88 =? x 1122	A. 20.02 B. 20.2 C. 19.3 D. 2.27
95	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
96	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
97	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
98	2244 - 0.88 = ? x 1122	A. 20.02 B. 20.2 C. 19.3 D. 2.27
99	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
100	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
101	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 = { } D. p &lt; 3
102	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
103	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

104	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
105	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
106	If $2x + y + 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
107	$x\sqrt{0.09} = 3$: $x = ?$	A. 10 B. $\frac{1}{3}$ C. $\frac{1}{10}$ D. 1
108	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
109	Find the sum of money, 11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
110	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
111	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
112	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
113	Question Image	A. $41\frac{1}{2}$ B. $65\frac{1}{2}$ C. $115\frac{1}{2}$ D. $106\frac{1}{2}$
114	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. $\frac{M}{W}$
115	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
116	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. $333\frac{1}{3}$
117	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	A. 1 B. 2 C. 3 D. 4
118	$x + y = 17$ and $x = 2$, then value of y?	A. 13 B. 15 C. 19 D. 10
119	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
120	Question Image	A. 20 B. 25 C. 40 D. 50
121	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15

122	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
123	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
124	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
125	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
126		A. 50 m B. 64 m C. 72 m D. 84 m
127	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
128	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
129	How many cents will r books cost if t books cost m dollars ?	
130	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
131	$19 \times 11 + 18 \times 6 / 24 \times 3 - 62$	A. 20.7 B. 21 7/8 C. 1.47 D. 31.7
132	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
133	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
134	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
135	If $3x+5y=10$ and $3y+5x=30$ then average if 'x' and 'y' is?	A. 3/2 B. 4 C. 5/2 D. 7/2
136	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
137	If it takes 10 minutes to walk 3/4 mile, how many minutes will it take to walk the rest of the mile?	A. 2 1/3 B. 13 1/3 C. 4 2/7 D. 30
138	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
139	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. $10a+b+c/10$

140	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
141	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
142	$1/2$ of $44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
143	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
144	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
145	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
146	What is the number , 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
147	$Z + 1/Z = 2$; $Z = ?$	A. 2 B. 1 C. $1/2$ D. $1 \frac{1}{2}$
148	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
149	Find the value of x if $3:b = x:c$.	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
150	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
151	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
152	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 of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
153	Change $27/7$ to a mixed number.	A. $6 \frac{1}{3}$ B. $7 \frac{1}{2}$ C. $3 \frac{6}{7}$ D. $2 \frac{1}{7}$
154	Find the ratio of 18 inches to 2 yards.	
155	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
156	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
157	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None

A. $t(t+1)$

158	t is an integer greater than 5. The expression that must represent an odd integer is	A. $3t-1$ B. $t<\sup>2</sup>$ C. $2t-3$
159	Ay-b=c-dy what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. $38/2$ C. $38/3$ D. $38/5$
160	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
161	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. $2/5$ B. $3/7$ C. $2/3$ D. $1/13$
162	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
163	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
164	Question Image	A. 55 B. 70 C. 110 D. 125
165	Question Image	A. 40 B. 50 C. 90 D. 130
166	$\sqrt{169/196} \times 14/\sqrt{1521} = ?$	A. $13/42$ B. $1/13$ C. $42/5$ D. $1/42$
167	If $abc = 2$ and $a = c$ then $b =$	A. $a<\sup>2</sup>$ B. $1/2a$ C. $2/a<\sup>2</sup>$ D. $2-a<\sup>2</sup>$
168	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. $(c+b) / (a-d)$
169	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
170	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. $11/30$
171	If $x + 3y = 7$ and $2x + y = 5$ then value x/y is?	A. $1/2$ B. $1/3$ C. $2/5$ D. $8/9$
172	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
173	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%
174	40 tractors are needed to plow a field in 4 hours. How many tractors are needed to plow	A. 32 B. 4

174	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?	D. 4 C. 16 D. 8
175	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
176	If x% of 60 = 48, then x = ?	A. 80 B. 60 C. 90 D. 40
177	$1/x = 1/y + 1/z$ 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. $1/z - 1/y$
178	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%
179	$11/3 + 8/3 + 17/3$	A. 14 B. 12 C. 11 D. 15
180	An angle is 30° more than one-half its complement. Find the angle.	A. 20° B. 30° C. 50° D. 60°
181	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
182	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
183	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
184	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%
185	Question Image	A. 40 B. 50 C. 120 D. 130
186	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
187	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
188	$3/4$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
189	$7 \times 21 \div 3 + 3 / 8 \div 4 \times 2$	A. 13 B. 17 C. 31 D. 1
190	$0.027 \sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
191	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

192

Question Image

- A. 15
- B. 30
- C. 45
- D. 72

193

How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?

- A. b
- C. $10a+b+c$