

## Quantitative Test for HEC HAT 1 Engineering & IT

Sr	Questions	Answers Choice
1	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
2	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
3	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%
4	A man bought 27 packets of Chilli Milli at\$280 wach, 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. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">\$250</span> B. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">\$300</span> C. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">\$400</span> D. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">\$400</span>
5	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 <sup>2</sup> D. 2t-3
6	Question Image	A. 40 B. 50 C. 90 D. 130
7	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
8	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
9	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
10	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
11	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
12	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
13	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%
		A. 8000

14	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 ?	B. 9000 C. 300 D. 900
15	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
16	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
17	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$ ?	A. 94 B. 98 C. 100 D. 90
18	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
19	(580 x 12) - (645 x 5) / 50 x10 = ?	A. 7.47 B. 3725 C. 74.7 D. 4450
20	Question Image	A. 40 B. 50 C. 120 D. 130
21	Find the value of x if $3: b = x: c$ .	
22	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
23	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was 13 1/5, what should be the correct answer to the example?	A. 2 8/11 B. 5/66 C. 2 1/5 D. 11/30
24	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
25	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%
26	Question Image	A. 4π B. 18π C. 28π D. 32π
27	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her anser was 13 1/5, what should be the correct answer to the example?	A. 2 8/11 B. 5/66 C. 2 1/5 D. 11/30
28	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
29	√256÷√64=?	A. 1/4 B. 26/8 C. 16 D. 4
30	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
31	2.08 - (0.5) <sup>2</sup> =?	A1.20 B. 1.88 C. 1.83 D. 2.16
32	12 is 3/4 of what number ?	A. 20 B. 24

		D. 8
33	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
34	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
35	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
36	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>
37	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
38	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
39	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
40	19 x 11 +18 x 6 / 24x3 - 62	A. 20.7 B. 21 7/8 C. 1.47 D. 31.7
41	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
42	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)
43	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
44	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
45	√169 /196 x 14/√1521 =?	A. 13/42 B. 1/13 C. 42/5 D. 1/42
46	Find the sum of money,11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
47	If the redius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
48	A man has Rs. 2000, and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
49	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
		A. 3b/c

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50	Find the value of x if 3:b=x:c.	B. c/3b C. 2c/3b D. 3c/b
51	1764÷ 17.64 /0.5	A. 100 B. 20 C. 0.2 D. 200
52	1/2 of 44÷ 2.2 =?	A. 20 B. 22 C. 44 D. 100
53	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
54	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
55	Question Image	A. a B. 90-a C. 180-a/2 D. 180-a
56	If p is a negative integer and $P^2 + 11p = t$ , a value of t could be	A. 12 B. 18 C18 D. 11
57	Question Image	A. b B. b-180 C. 90-b D. 180-b
58	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
59	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
60	Question Image	A. 30 B. 39 C. 80 D. 78
61	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
62	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
63	If 2x + y + b11 nad 3x + 2y =17 then y is?	A. 1 B. 5 C. 6 D. 4
64	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
65	72/3÷ 18/6 =?	A. 72 B. 8 C. 18 D. 48
66	If x + 2y =11 and x + y =10 the value of y is:	A. 1 B. 2 C. 3 D. 4
67	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
68	A 4 cm cube is cut into 1 cm cubes. What is the percentage increase in the surface area	<b>A. 4%</b> B. 300%

<del></del>	after such cutting?	C. 75% D. 400%
69	If 3 1/5 c=2 1/2 b and c≠0, then b/c=?	A. 25/32 B. 7/8 C. 32/25 D. 11/10
70	11/3 + 8/3 + 17/3	A. 14 B. 12 C. 11 D. 15
71	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
72	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
73	x + y =17 and x=2, then value of y?	A. 13 B. 15 C. 19 D. 10
74	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 < 3
75	If the ratio of x: y is 9:7, then x+y is	A. 16 B. 2 C. 1 D. None
76	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
77	12% of x =360	A. 250 B. 100 C. 400 D. 3000
78	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 amn, in inches, is:	A. 68 B. 69 C. 70 D. 71
79	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
80	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
81	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
82	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
83	Change 4 4/2 to an improper fraction:	A. 14/3 B. 11/3 C. 24/3 D. 10/3
84	(242 - 17) <sup>2</sup> - (7-5) <sup>2</sup> =?	A. 49000 B. 49200 C. 94200 D. 49400
85	(44 x 3) + 128 + 120 / 9.5 - 94.7	A. 380 B. 10 C. 76.12 D. 100

86	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
87	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
88	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
89	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
90	2244 - 0.88 = ? x 1122	A. 20.02 B. 20.2 C. 19.3 D. 2.27
91	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
92	Question Image	A. 24 B. 12√2 C. 16√2 D. 48
93	If p is a negative integer and p <sup>2</sup> +11p=t, a value of t could be:	A. 12 B. 18 C18 D. 11
94	72 + 679 + 1439 + 537 + ?=4036	A. 1309 B. 1208 C. 2308 D. 2423
95	What is the number , 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
96	7 x 21÷3 +3 / 8÷ 4 x 2	A. 13 B. 17 C. 31 D. 1
97	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
98	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
99	t is an integer than 5. The expression that must represent an odd integer is:	A. 1(t+1) B. 9t-1 C. t <sup>2</sup> D. 2t-3
100	Question Image	A. 41 <sup>O</sup> B. 65 <sup>O</sup> C. 115 <sup>O</sup> D. 106 <sup>O</sup>
101	816 - 288÷ 24 =?	A. 22 B. 828 C. 528 D. 804
102	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
103	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 3/4 D. 333 1/3

104	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. 1/10 B. 1/18 C. 1/15 D. 1/12
105	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
106	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
107	When $3x^2+5x+7$ is subtracted from $x^2+8x+3$ the result is?	A. 5x <sup>2</sup> -3x+4 B. 3x-2x <sup>2</sup> -4 C. x <sup>22</sup> +3x+10
108	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
109	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>
110	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
111	The value of $(x+y)^2$ - $(x-y)^2$ is?	A. 4 B. x <sup>2</sup> +y <sup>2</sup> C. 4xy D4xy
112	5/3 + 7/6 +9/3 +7/2 =?	A. 28/3 B. 112/3 C. 28/12 D. 14/7
113	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
114	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
115	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. 2(x <sup>2</sup> +y <sup>2</sup> ) C. 4xy D4xy
116	How many cents will r books cost if t books cost m dollars?	
117	$224\sqrt{0.88}$ =? x 1122	A. 20.02 B. 20.2 C. 19.3 D. 2.27
118	Find the ratio of 18 inches to 2 yards.	A. 3/4 B. 1/4 C. 1/5 D. 2/5
119	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
120	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
121	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
122	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup,2 parts sugar, and 1 part	A. 25 3/5 B. 5 3/5

	butter. If you use $\delta$ ouncres of milk, now many ounces of candy mixture can you make $\ell$	C. 20 D. 128
123	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
124	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
125	25% of 4÷ 4% of 25 =?	A. 1 B. 3 C. 0 D. 6
126	(160 - 130) (270 - 240) / 2250÷ 50 =?	A. 4/3 B. 2/3 C. 45 D. 20
127	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%
128	Question Image	A. 25/32 B. 7/8 C. 32/25 D. 11/10
129	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
130	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
131	3/4 of 432 = ?	A. 340 B. 232 C. 324 D. 316
132	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
133	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
134	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
135	√?/16 = 0.5	A. 8 B. 12 C. 32 D. 64
136	Find the ratio of 18 inches to 2 yards.	
137	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
138	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
139	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
140	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

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141	? x 12 = 75% of 336	A. 48 B. 252 C. 28 D. 21
142	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
143	Question Image	A. 15 B. 30 C. 45
144	In a school there are 400 students, of whom 70% are boys. What is the number of girls?	D. 72 A. 130 B. 200 C. 280 D. 2800
145	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
146	$(60)^2 = ?x72$	A. 3600 B. 3528 C. 0.02 D. 50
147	7/3÷ 35/18÷ 54/20 = ?	A. 49/4 B. 4/9 C. 4/63 D. 81/35
148	Change 27/7 to a mixed number.	A. 6 1/3 B. 7 1/2 C. 3 6/7 D. 2 1/7
149	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
150	Question Image	A. 55 B. 70 C. 110 D. 125
151	If x% of 60 =48, then x=?	A. 80 B. 60 C. 90 D. 40
152	2x2y when multiplied with $x^2 + y^2$ gives ?	A. 2x <sup>2</sup> y <sup>3</sup> + 2xy <sup>3</sup> B. 2x <sup>4</sup> y+ 2x <sup>2</sup> y<2x <sup>2</sup> y+ 2x <sup>2</sup> y+ 2x <sup>2</sup> + 2x <sup>2</sup> + 2x <sup>2</sup> y D. 2xy <sup>3</sup> + 2x <sup>3</sup> + 2x <sup>3</sup> y
153	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
154	Question Image	A. 20 B. 25 C. 40 D. 50
155	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
156	If (p-3) (p+4) > (p-3)(p+8) , what is the best description of p?	A. p=3 B8 <p<-5 C. p={ } D. p&lt;3</p<-5 
157	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000

		D. 15000
158	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
159	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%
160	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
161	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
162	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find teh population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
163	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
164	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
165	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
166	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
167	35096÷18 =?	A. 318 B132 C. 328 D. 232
168	x <sup>2</sup> = 1681, x=?	A. 31 B. 41 C. 51 D. 61
169	0.007÷√0.000049	A. 1 B. 0.0049 C. 2 D. 7
170	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
171	Question Image	A. 780 B. 585 C. 1170 D. 540
172	The value of $x^2$ + 5x +6 at x=2 is:	A. 10 B. 14 C. 18 D. 20
173	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
174	An angle is 30 <sup>o</sup> more than one-half its complement. Find the angle.	A. 20 <sup>o</sup> B. 30 <sup>o</sup> C. 50 <sup>o</sup> D. 60 <sup>o</sup>
		A. x / 7y

175	If 7 apples cost y cents, how many apples will x dollars buy?	C. 7x / 100y D. 700x / y
176	1 3/4 - 1 3/5 =?	A. 0.16 B. 0.2 C. 0.15 D. 13/20
177	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
178	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-b
179	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
180	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
181	Which of the following is the sum of two consective prime numbers?	A. 66 B. 52 C. 41 D. 29
182	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
183	1250÷ 25 x 0.5 = ?	A. 25 B. 50 C. 2.5 D. 100
184	Question Image	A. 5 B. 10 C. 110 D. 125
185	Z + 1/Z =2 ; Z =?	A. 2 B. 1 C. 1/2 D. 1 1/2
186	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
187	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
188	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
189	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%
190	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	A. X2 B. x <sup>2</sup> -3 C. (x-3) <sup>2</sup> /7 D. None
191	9218 - 3546+ 2354 =?	A. 8026 B. 8116 C. 10410 D. 23174
		A 600

192	What is the sum of money, of which 6% is 18 dollars?	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