

## Quantitative Reasoning Arithmetic Test

Sr	Questions	Answers Choice
1	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
2	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
3	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
4	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
5	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
6	12 is 3/4 of what number ?	A. 20 B. 24 C. 16 D. 8
7	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
8	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. $M/W$
9	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
10	If the ratio of x : y is 9 : 7, then x+y is	A. 16 B. 2 C. 1 D. None
11	Find the ratio of 18 inches to 2 yards.	
12	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
13	Find the value of x if 3 : b = x : c.	
14	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
15	How many cents will r books cost if t books cost m dollars ?	
16	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
17	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

18	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 $\frac{1}{3}$
19	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
20	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
21	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
22	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
23	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
24	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
25	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
26	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
27	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
28	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
29	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
30	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
31	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
32	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
33	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
34	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	A. 3600 B. 820 C. 1640 D. 4000
35	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

36	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%
37	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%
38	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
39	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%
40	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
41	Change $27/7$ to a mixed number.	A. $6 \frac{1}{3}$ B. $7 \frac{1}{2}$ C. $3 \frac{6}{7}$ D. $2 \frac{1}{7}$
42	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
43	$x^2 = 1681$ , $x = ?$	A. 31 B. 41 C. 51 D. 61
44	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
45	$\sqrt{256} \div \sqrt{64} = ?$	A. $\frac{1}{4}$ B. $\frac{26}{8}$ C. 16 D. 4
46	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
47	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
48	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
49	$\frac{3}{4}$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
50	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
51	$\frac{5}{3} + \frac{7}{6} + \frac{9}{3} + \frac{7}{2} = ?$	A. $\frac{28}{3}$ B. $\frac{112}{3}$ C. $\frac{28}{12}$ D. $\frac{14}{7}$
52	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
53	$(160 - 130) (270 - 240) \div 2250 \div 50 = ?$	A. $\frac{4}{3}$ B. $\frac{2}{3}$ C. 45

		D. 20
54	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
55	$1764 \div 17.64 / 0.5$	A. 100 B. 20 C. 0.2 D. 200
56	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
57	$? \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
58	$Z + 1/Z = 2 ; Z = ?$	A. 2 B. 1 C. $1/2$ D. $1 \frac{1}{2}$
59	12% of x = 360	A. 250 B. 100 C. 400 D. 3000
60	$1/2 \text{ of } 44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
61	$7/3 \div 35/18 \div 54/20 = ?$	A. $49/4$ B. $4/9$ C. $4/63$ D. $81/35$
62	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
63	$11/3 + 8/3 + 17/3$	A. 14 B. 12 C. 11 D. 15
64	Change $4 \frac{4}{2}$ to an improper fraction:	A. $14/3$ B. $11/3$ C. $24/3$ D. $10/3$
65	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
66	$7 \times 21 \div 3 + 3 / 8 \div 4 \times 2$	A. 13 B. 17 C. 31 D. 1
67	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
68	$2244 - 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
69	$224 \sqrt{0.88} = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
70	$\sqrt{169}/196 \times 14/\sqrt{1521} = ?$	A. $13/42$ B. $1/13$ C. $42/5$ D. $1/42$
71	$10 \times 11 + 18 \times 6 / 24 \times 2 = 62$	A. 20.7 B. $21 \frac{7}{8}$

71	$15 \times 11 + 10 \times 0 / 24 \times 3 - 0.2$	C. 1.47 D. 31.7
72	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. $1/3$ C. $1/10$ D. 1
73	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
74	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
75	25% of 4 ÷ 4% of 25 = ?	A. 1 B. 3 C. 0 D. 6
76	If x% of 60 = 48, then x = ?	A. 80 B. 60 C. 90 D. 40
77	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
78	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
79	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $13/20$
80	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
81	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None