Numerical Computation – Practice Test 1

Numerical computation questions involve basic principles of arithmetic like addition, subtraction, multiplication and division. They also use mathematical terms and methods such as percentages, ratios, fractions and decimals. To score well on these questions you will simply need to make quick and accurate calculations.

Numerical Computation		Operatives	Supervisory	Management
Craft & Technical		Y	Y	Y
Clerical & Administrative		Y	Y	Y
Police, Fire, Military etc.	Y			
Management Trainee	Y			
Graduate & Professional	Y			

This type of test can be categorized as a speed test and is used to determine your basic numeracy. Obviously you will not be allowed to use a calculator.

If you are very rusty with arithmetic, try re-learning the times tables up to 12 and practise multiplication, division and percentage calculations. Practice can improve your test scores for all types of aptitude tests, so try as many examples as you can.

These sample numerical computation questions are directly applicable to many administrative and clerical jobs but can also appear as a component of graduate and managerial tests. The speed at which you can answer these questions is the critical measure, as most people could achieve a very high score given unlimited time in which to answer.

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30 Questions

Instructions: Answer as many questions as you can in 10 minutes. Circle the letter on the right which corresponds to the correct answer. Do not use a calculator.

1) 17 + 47 = 7 + ?

A	B	C	D	E
55	57	65	67	35

A B C D E

2) 33 + 18 = 29 + ?

A	B	C	D	E
21	24	32	22	37

A B C D E

3) 56 + 81 = 44 + ?

A	B	C	D	E
93	90	89	91	95

A B C D E

4) 44 – ? = 15

A	B	C	D	E
26	29	28	39	30

A B C D E

5) 87 – 35 = ?

A	B	C	D	E
53	42	51	41	52

A B C D E

6) 54 – 32 = 25 – ?

A	B	C	D	E
3	2	12	14	22

A B C D E

7) 7 × 8 = ?

A	B	C	D	E
49	56	64	54	52

A B C D E

8) 5 × ? = 45

A	B	C	D	E
5	6	7	8	9

A B C D E

9) 17 × 3 = ?

A	B	C	D	E
47	49	51	53	54

A B C D E

10) 140 ÷ 35 = ?

A	B	C	D	E
3	3.5	4	4.5	5

A B C D E

11) 28 ÷ ? = 7

A	B	C	D	E
3	3.5	4	4.5	5

A B C D E

12) 150 ÷ 100 = ?

A	B	C	D	E
1.3	1.5	1.7	15	0.75

A B C D E

13) $\frac{3}{5} \times ? = \frac{2}{5}$

A	B	C	D	E
$\frac{3}{5}$	$\frac{2}{3}$	$\frac{2}{5}$	$\frac{1}{5}$	$\frac{1}{4}$

A B C D E

14) $\frac{1}{4} + ? = \frac{3}{4}$

A	B	C	D	E
$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{5}$	$\frac{1}{2}$	$\frac{2}{3}$

A B C D E

15) $2\frac{3}{5} - \frac{4}{5} = ?$

A	B	C	D	E
$1\frac{1}{4}$	$1\frac{1}{5}$	$1\frac{3}{5}$	$1\frac{1}{2}$	$1\frac{4}{5}$

A B C D E

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Circle Answer

16) $9\frac{7}{8} - 3\frac{1}{2} = ?$

A	B	C	D	E
$6\frac{3}{8}$	$6\frac{2}{3}$	$7\frac{3}{8}$	$5\frac{3}{8}$	$6\frac{1}{4}$

A B C D E

17) 60% of 120 = ?

A	B	C	D	E
65	70	62	72	54

A B C D E

18) 75% of 400 = ?

A	B	C	D	E
320	300	375	310	250

A B C D E

19) 22% of 200 = ?

A	B	C	D	E
42	44	40	88	46

A B C D E

20) 45% of 500 = ?

A	B	C	D	E
210	225	205	240	230

A B C D E

21) 33.6 + 8.7 = ?

A	B	C	D	E
42.3	43.3	42.5	43.7	38.7

A B C D E

22) 56.9 – 7.4 = ?

A	B	C	D	E
48.3	47.9	45.9	49.3	49.5

A B C D E

23) 0.7 × 0.5 = ?

A	B	C	D	E
0.33	0.35	0.75	1.40	3.50

A B C D E

24) 1.8 × 1.5 = ?

A	B	C	D	E
2.5	2.0	2.4	2.6	2.7

A B C D E

25) 12.8 × ? = 3.2

A	B	C	D	E
0.20	0.25	0.30	0.33	0.40

A B C D E

26) If one ream of paper costs $3.95 how much would 4 reams cost?

A	B	C	D	E
$15.75	$15.70	$15.72	$15.80	$15.77

A B C D E

27) If John starts work at 8:45 am and finishes at 5:15 pm. He has 90 minutes of breaks. How many hours does he work in 5 days?

A	B	C	D	E
38	39	35	40	32

A B C D E

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Circle Answer

28) A restaurant bill is made up of the following: $12.50 for starters, $28.55 for main courses and $8.95 for deserts, plus a 15% service charge. How much is the bill?

A	B	C	D	E
$56.50	$57.50	$57.00	$59.50	$60.50

A B C D E

29) A team of eight lumberjacks cut an average of 15,000 cubic feet of timber in a week. How many cubic feet will four lumberjacks cut in four weeks?

A	B	C	D	E
30,000	25,000	32,000	16,000	28,000

A B C D E

30) A discount of 15% is offered on an item which previously cost $1.80. What is the discounted price?

A	B	C	D	E
$1.53	$1.40	$1.55	$1.60	$1.52

A B C D E

End of Numerical Ability - Computation Test 1

Numerical Computation – Practice Test 1

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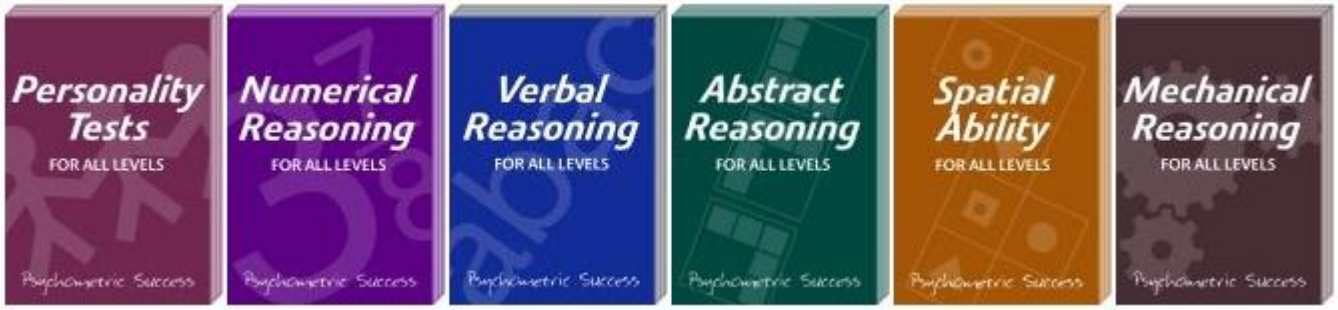

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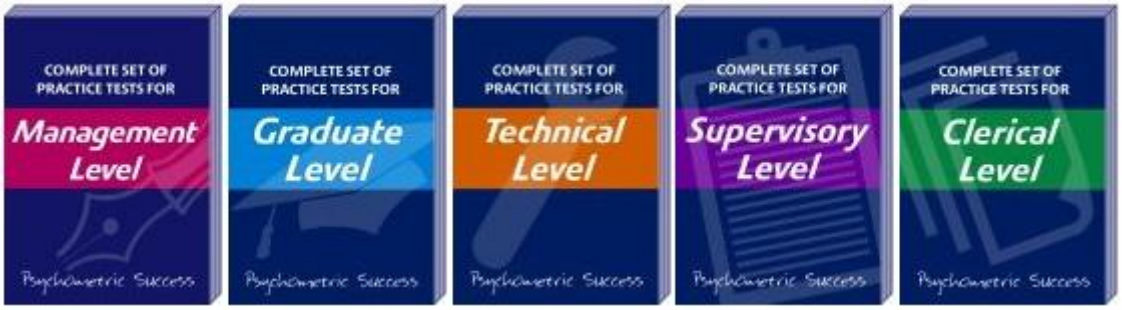

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Answers

1)	**B**	11)	**C**	21)	**A**
2)	**D**	12)	**B**	22)	**E**
3)	**A**	13)	**B**	23)	**B**
4)	**B**	14)	**D**	24)	**E**
5)	**E**	15)	**E**	25)	**B**
6)	**A**	16)	**A**	26)	**D**
7)	**B**	17)	**D**	27)	**C**
8)	**E**	18)	**B**	28)	**B**
9)	**C**	19)	**B**	29)	**A**
10)	**C**	20)	**B**	30)	**A**