



the Bridge
numerical

Manual for candidates

Numerical aptitude test – online administration

Manual The Bridge Numerical

This instruction leaflet provides you with background information about The Bridge Numerical. Reading this leaflet can help you when you fill out this aptitude test. This leaflet shows you how you can best prepare yourself for this test, so you can perform as good as possible.

Why are aptitude tests used?

Organizations often use aptitude tests as a part of assessment procedures. These assessments are used for selection or development of employees. Research shows that aptitude tests can predict future work behavior well.

Aptitude tests can help you to:

- Give you insight in what you are good at
- Be judged honestly at the criteria in a selection procedure
- Find out about your strengths and areas where you can develop yourself
- Make a well-considered career choice based on your ability

Organizations use aptitude tests to:

- Select employees who fit the requirements of a specific job
- Determine at which area employees or candidates can develop in the future
- Acquire an objective representation of a person's ability

Instruction

On the following pages are two examples of questions which are similar to the questions in the test. By filling out these questions you will understand the aptitude test better. This manual is intended for intermediate vocational education level, higher vocational education level and University/MBA level. That is why it is possible that the actual questions in the test are easier or more difficult than the examples in this manual.

You will see charts or tables after which you will get offered several questions. Your job is to choose the best answer from the answer options. Base your choice on the chart or table next to the question. You can select the right answer by 'clicking' it with your mouse.

The numerical aptitude test consists of 25 questions. You have a 17 minute time limit to fill out the questions. Try to answer all the questions within this time limit.

Example 1:

Mortgage lenders

Interest 2005	BudgetHypo ● ◀	Hypo4all ▶
Variable interest	2.50%	3.50%
1-yr fixed interest	3.50%	3.60%
5-yr fixed interest	3.60%	4.50%
20-yr fixed interest	4.00%	5.00%
30-yr fixed interest	4.70%	5.40%
Brokerage fee	€ 4,500.00	€ 2,800.00
Notarial fee	€ 1,200.00	€ 900.00
Valuer's fee	€ 700.00	€ 500.00

HOMES4YOU ◻	HYPOBANK ◻	
Variable interest	3.00%	3.10%
1-yr fixed interest	3.10%	3.40%
5-yr fixed interest	3.60%	4.00%
20-yr fixed interest	4.40%	4.20%
30-yr fixed interest	5.10%	4.80%
Brokerage fee	€ 3,800.00	€ 3,400.00
Notarial fee	€ 700.00	€ None
Valuer's fee	€ 500.00	€ 340.00

Peter buys a house for 150,000 euros. How much interest does he pay per year if he takes out a 5-year fixed mortgage with Homes4you?

- A. 5.400 euro
- B. 450 euro
- C. 4.500 euro
- D. 2.100 euro
- E. None of the above

The right answer to the upper question is answer A. The interest with Homes4You for a 5 year fixed mortgage is 3.60 %. So per year Peter pays 3.6% of 150.000, which is 5.400 euro.

Example 2:

MultiClean

Costs per branch 2005-2006			
2005	Leeds	Dublin	Liverpool
Staff	€ 1,710.00	€ 1,749.30	€ 1,911.00
Marketing	€ 3,600.00	€ 4,630.50	€ 6,370.00
Cleaning materials	€ 360.00	€ 349.86	€ 18.20
Transport	€ 684.00	€ 691.49	€ 1,219.40
Interest on debts	€ 622.80	€ 442.47	€ 1,019.20
Office rental	€ 2,700.00	€ 2,572.50	€ 1,729.00
Total	€ 9,676.80	€10,436.12	€12,266.80
2006	Leeds	Dublin	Liverpool
Staff	€ 1,900.00	€ 1,700.00	€ 2,100.00
Marketing	€ 4,000.00	€ 4,500.00	€ 7,000.00
Cleaning materials	€ 400.00	€ 340.00	€ 20.00
Transport	€ 760.00	€ 672.00	€ 1,340.00
Interest on debts	€ 692.00	€ 430.00	€ 1,120.00
Office rental	€ 3,000.00	€ 2,500.00	€ 1,900.00
Total	€10,752.00	€10,142.00	€13,480.00

How much rent did the Dublin branch pay for the office in 2006?

- A. 1.729 euro
- B. 1.700 euro
- C. 4.631 euro
- D. 2.500 euro
- E. None of the above

The right answer to the upper question is answer D. The entry 'office rent' for the Dublin location is 2.500 euro in 2006.

If you feel that a certain question is too difficult, choose the answer that seems the best to you and proceed to the next question. You also have the possibility to skip this question. You can try to finish the question after you answered the other questions.

Keep good track of the time while you fill out the test. A clock is available, here you can see how much time you have left. Also, there is a timeline which shows the percentage of how much time you already used



Preparing for the aptitude test

1. Try to improve your numerical ability

The best way to improve your numerical skills is to regularly work with number and data. Several practice questions are available in books and online. Of course it is good to practice these questions, but there are other things you can do to prepare yourself:

- Try to practice the basic principles of calculating such as adding and subtracting, multiplying and percentages. An educational book can be helpful with this.
- Teach yourself to calculate difficult calculations also without a calculator.
- Look at tables and charts and try to explain in words what they mean.
- Have a critical look at numerical data and figures, try for example if you can discover mistakes.
- Read the economical section of the newspaper.

2. Before the test

- Try to keep to the instructions in this manual as much as possible.
- Make sure that you have a good night sleep before your assessment or testing day.
- Provide yourself with enough time to get to the location where you fill out this test or do the assessment, so don't hurry.
- If you wear glasses or contact lenses or a hearing aid, make sure that you have them with you.

3. During the test

- Try to stay calm. Good preparation will ensure you to be calmer and less nervous.
- Please make sure that you have a calculator at hand
- Read the instructions shown during the test, the time will start running when you start with the first question.
- The test starts with three practice questions. Take your time to practice these questions, you can repeat them as often as you like.
- Don't hesitate to ask questions to the test administrator when things are not clear to you.
- Carefully read the questions!
- Try to work as fast as possible. Don't stand too long with one question.