opc assessment

Professional Numerical Reasoning Test (PNRT)

Free Sample

About the Professional Numerical Reasoning Test (PNRT)

The Professional Numerical Reasoning Test (PNRT) is designed to assess your ability to work with complex numerical information.

Improve your performance with this practice test

Research has shown that your performance on a test is likely to improve if you practice. So if you spend some time practising with this practice test then you will help yourself to do your best.

How to complete the practice test

This practice test contains a number of numerical problems for you to solve. The numerical problems are all based on fictitious numerical reference materials. You must use the information in the reference material to answer the multiple-choice questions that follow.

There are 4 potential answers for each question labelled, A, B, C or D. You have to choose the answer you think is correct using only the information provided in the reference material. For each numerical problem you **can** use a calculator to work out the answers.

Final instructions

There are **3** questions in total. You can either:

- print this document out and mark your answers with a pen in the button ○ next to your choice (A, B, C or D) for each question; or,

- work through the questions inside this PDF and mark your answers my clicking on the button ◉ next to your choice (A, B, C or D) for each question.
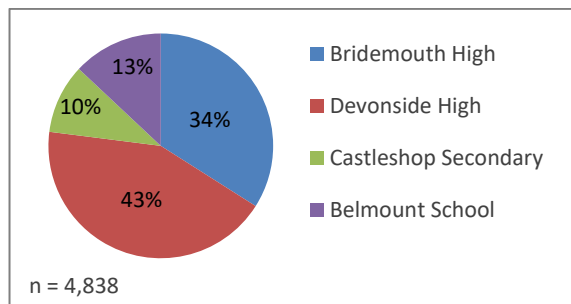
Remember:

- Work through the questions as quickly and accurately as you can.
- If you are not sure of an answer then select your best answer.
- You **can** use a calculator.
- Round up your calculations to **two decimal points** and then round up your final answer to the nearest **whole** number.
- You can use rough paper to make any notes.

Answers for the questions are given at the end of this document.

To start the practice test please go to the next page.

Questions

Total percentage of students scoring Grade A-C in English, Maths & Science this year

n = 4,838

Breakdown of students scoring Grade A-C in English, Maths & Science this year

School	English	Maths	Science
Bridemouth High	52%	19%	29%
Devonside High	24%	33%	43%
Castleshop Secondary	18%	52%	30%
Belmount School	34%	26%	40%

1. **Across all four schools, how many students gained a grade A-C in English?**
   A. ◯ 1,768 students
   B. ◯ 1,415 students
   C. ◯ 667 students
   D. ◯ 1,656 students

2. **Last year 305 Bridemouth High students gained an A-C grade in Science. What is the percentage increase between the numbers of pupils who gained a grade A-C in Science last year compared to this year at Bridemouth High?**
   A. ◯ 56%
   B. ◯ 3%
   C. ◯ 36%
   D. ◯ 2%

3. **Of those who gained a grade A-C in Maths at Castleshop Secondary, 3% are now going on to study Maths at college. How many Castleshop Secondary students will be studying Maths at college?**
   A. ◯ 15 students
   B. ◯ 8 Students
   C. ◯ 14 students
   D. ◯ 145 students

STOP. This is the end of the test.

The answers

To score your test please look back through your answers and input them (e.g. A, B, C, or D) in the table below under the column 'My answer'. Once you've transferred your answers into the table you can then compare them with the correct answers. Give yourself one mark for each correct answer.

Q.	My answer	Correct answer
1.		D
2.		A
3.		B
		My TOTAL Score

Doing your best

- Whatever your score we recommend that you keep practising. Try the test again.
- After trying the test again, if you got any of the answers wrong then go back and work out where and why you went wrong on each question.
- If you have gone over a wrong answer and don't understand why it is wrong, then ask a friend or relative who might be able to help you understand why.

Completing other practice tests

Research has shown that practice can help you to improve your chances of performing well on a test. To help you prepare for the PNRT, an enhanced and more detailed practice test has been specifically prepared for you that is just like a real test.

The key benefits of purchasing the extended version of the PNRT practice are as follows:
- the test is just like a real test with time limits so it will help you to practice working under time pressure;
- it provides you with full and easy to understand explanations as to the correct answers;
- it gives you hints and tips of how to prepare yourself for the real test; and,
- the test was developed by psychologists from OPC Assessment who design real tests that are used around the world.

OPC Assessment have other practice tests available that you might be interested in completing. Please visit our website www.theopc.co.uk for further information.

And finally, good luck!