

## Assessment Tests

### Accepted Tests

To complete your application for one of our MBA programs, we require an assessment of three of your competences: quantitative reasoning skills, analytical skills and command of English. All applicants may either produce an official standardized test score report or take the equivalent internal tests, which may be arranged for at one of our campuses or online.

<b>Internal Tests</b>	<b>Logic &amp; Numeracy Test</b>	<b>Analytical Test</b>
<i>or</i>		
<b>Standardized Tests</b>	<b>GMAT</b> (or GRE)	<b>TOEFL</b> (or TOEIC, IELTS, Cambridge CPE, PTE Academic)

### École des Ponts Internal Tests

- ▶ **Logic & Numeracy Test (1 hour)**  
This test is composed of two types of questions, problem-solving and data sufficiency and has 20 questions (a calculator is permitted). See next page for sample questions.
- ▶ **Analytical Test (1 hour)**  
To assess your level of English comprehension and writing skills plus your analytic skills, you will be required to review 3 brief articles and answer to a question related to each article.

### Standardized Tests

- ▶ **GMAT (Graduate Management Admission Test – min 550)**  
Website: <http://www.mba.com>  
We accept GMAT score reports of tests taken within the last five years. Score reports are to be sent to: École des Ponts MBA- School code **JZ3-F7-08**
- ▶ **GRE (Graduate Record Examination)**  
Website: <http://www.ets.org/gre>  
We accept GRE score reports of tests taken within the last five years. Score reports are to be sent to: École des Ponts MBA - School code **7332**
- ▶ **TOEFL (min 240)**  
We accept TOEFL score reports for tests taken within the last two years. TOEIC, IELTS, Cambridge CPE & PTE Academic can be substituted for TOEFL.

<b>TOEFL</b> (Test Of English as a Foreign Language) Minimum score: <b>95</b> - Internet-based test <b>240</b> - Computer-based test <b>587</b> - Paper-based test Website: <a href="http://www.toefl.org">www.toefl.org</a> School code <b>0484</b>	<b>IELTS</b> (International English Language Testing System) Minimum score: <b>7</b> Website: <a href="http://www.ielts.org">www.ielts.org</a>	<b>Cambridge CPE</b> (Certificate of Proficiency in English) Minimum score: <b>B</b> Website: <a href="http://www.cambridge-efl.org">www.cambridge-efl.org</a>
	<b>TOEIC</b> ((Test Of English for International Communication) Minimum score: <b>850</b> Website: <a href="http://www.toEIC.com">www.toEIC.com</a>	<b>PTE Academic</b> (Pearson Test of English Academic) Minimum score: <b>66</b> Website: <a href="http://www.pearsonpte.com">www.pearsonpte.com</a>

## Logic & Numeracy Tests - Sample Questions

- 1) A rectangular room is 7 meters long and 4 meters wide. The floor is to be covered in carpet tiles which are each 50 centimeters square. How many tiles will be needed to carpet the whole room?
- 2) A student has obtained an average of 47% across the seven subjects that he has taken so far. When he takes his eighth and final subject what mark must he obtain to ensure that his overall mark is 50%?
- 3) A car hire company has three different tariffs. A customer wishes to hire a car for three days and expects to drive 600 kilometers during this time.  
Which of the three tariffs should she select to minimize the total cost? And what is the estimated hire cost for this tariff?
  - a) A fixed cost of €60 a day
  - b) A fixed cost of €30 a day plus a charge of €0.20 per kilometer in excess of 60km a day
  - c) A charge of €0.4 per km
- 4) If the average cost of producing one component decreases from €12.50 to €10.75, then what is the percentage decrease?
- 5) If  $x$ ,  $y$  and  $z$  are consecutive non-zero numbers, and if  $x < y < z$ , which of the following must be a positive odd number?
  - a)  $x-y-z$ ,
  - b)  $xy+z$ ,
  - c)  $x+y-z$ , d/  $xz-y$
- 6) If  $a+b=c=d$ , and if  $a-b+c=e$ , then what does  $a =$ ?
- 7) If 8 kilos of Brazil nuts priced at €6.00 a kilo are combined with 12 kilos of almonds priced at €5.00 a kilo, what is the price per kilo of the resulting mixture?
- 8) If the length and width of a rectangle are both doubled, by what percentage is the rectangles area increased?
- 9) Two business partners agree to contribute to the start-up costs of their new venture in the ratio 5:3. If the total start-up costs required are €240,000 how much must each contribute?
- 10) Evaluate the following expression:  $(4+3) \times (9/3) + (6-4)^2 =$
- 11) Given that  $A = 3y + 8x$ ,  $B = 3y - 8x$ ,  $C = 4y + 6x$ , and  $D = 4y - 6x$ , what is the value of  $x*y$ ?
 

(1) $AB + CD = -275$	(2) $AD - BC = 420$
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  - a) Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
  - b) Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
  - c) BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
  - d) EACH statement ALONE is sufficient.
  - e) Statement (1) and (2) TOGETHER are NOT sufficient to answer the question asked, and additional data are needed.
- 12) What is the value of  $xn - ny - nz$ ?
 

(1) $x - y - z = 10$	(2) $n = 5$
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  - a) Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
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  - c) BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
  - d) EACH statement ALONE is sufficient.
  - e) Statement (1) and (2) TOGETHER are NOT sufficient to answer the question asked, and additional data are needed.
- 13) Is  $(-x)$  a negative number?
 

(1) $4x^2 - 8x > (2x)^2 - 7x$	(2) $x + 2 > 0$
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  - a) Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
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  - c) BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
  - d) EACH statement ALONE is sufficient.
  - e) Statement (1) and (2) TOGETHER are NOT sufficient to answer the question asked, and additional data are needed.