

Access Academy

Entrance Test

Probable Date: March 27, 2009 (Bangladesh applicants)

Dates for applicants of other countries will be posted soon.

The Access Academy Entrance Test will test:

1. English skills (based on the English Placement Test and a written essay)
2. General Math skills

To assess your English skills, the Access Academy will use the English Placement Test (EPT) developed by the English Language Institute at the University of Michigan. The EPT consists of 100 multiple-choice questions (Test time: 65 minutes). The test is divided into four parts.

The following information and sample questions are taken from the Michigan Test Publications Testing brochure. The instructions are those that appear on the actual test.

Part I: Listening Comprehension (20 questions)

Instructions: This is a test of how well you understand spoken English. You will hear either a question or a statement. To show that you have understood what was said, you should choose the ONE answer choice that is correct. Listen carefully to the question, then choose the one answer choice that is a reasonable response or answer.

Sample Question:

Larry would have bought more clothes if he had had more money.

- a) He bought too many clothes.
- b) He wanted more clothes.
- c) He had enough money.

Answer: b

Part II: Grammar (30 questions)

Instructions: In each grammar problem there is a short conversation between two people. The conversation is not complete. You should look at the answer choices that follow the

conversation, and then choose the ONE answer that correctly complete the conversation.

Sample Question:

“Have you seen Bill recently?”

“I saw ____ TV about an hour ago.”

- a) he watching
- b) him watching
- c) his watching
- d) he watched

Answer: b

Part III: Vocabulary (30 questions)

Instructions: In each vocabulary problem there is a sentence with a word missing. From the answer choices following the sentence, you should choose the one word that best fits into the sentence and make it meaningful.

Sample Question:

He had to drive carefully to ____ the big holes in the road.

- a) avoid
- b) extend
- c) guide
- d) delay

Answer: a

Part IV: Reading Comprehension (20 questions)

Instructions: In each reading comprehension problem you will read a sentence and then answer a question about it. Choose the ONE best answer to the question, using the information in the sentence you have just read.

Sample Question:

He is a big, husky, active man with a hearty voice—attributes that lend him a general aura of

confidence.

He seems confident because of his . . .

- a) generosity
- b) intelligence
- c) physical qualities
- d) personality

Answer: c

To assess your writing skills, the Access Academy will provide a prompt and you will be asked to write an essay.

Instruction: Please choose one of the following questions and develop a thoughtful response. You will have 45 minutes to write the essay.

Sample Question: *Who was the best teacher you ever had? Please explain.*

To assess your math skills, the Access Academy will use a math exam that tests the following:

1. Computation
2. Basic Algebra
3. Geometry
4. Advanced Algebra and Trigonometry, Logarithms, Exponentials
5. Statistics

Sample Questions:

1. $\sqrt{36}$

- A. 36 B. 18 C. -36 D. $\frac{1}{36}$ E. 6

Answer: E

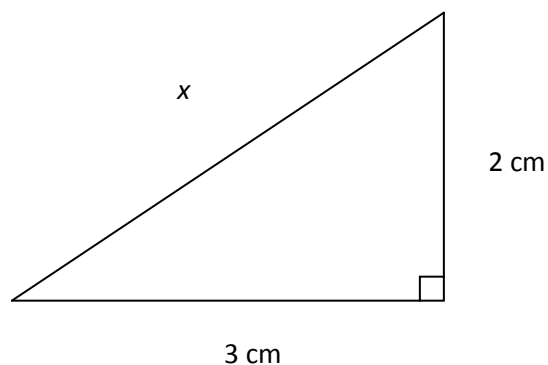
2. $5x^2 y^{-3} z^{-1} =$

- A. $(5xyz)^{-2}$ B. $(5xyz)^6$ C. $\frac{5x^2}{y^3 z}$ D. $\frac{x^2}{5y^3 z}$ E. $-\frac{5x^2}{y^3 z}$

Answer: C

3. A right triangle is depicted below. What is the measure of the hypotenuse, x ?

- A. 4 B. 5 C. 6 D. $\sqrt{5}$ E. $\sqrt{13}$



Answer: E

4. Solve for x : $\sqrt{2x+3} = 4$

- A. $x = \frac{1}{2}$ B. $x = \frac{7}{4}$ C. $x = \frac{7}{2}$ D. $x = \frac{13}{4}$ E. $x = \frac{13}{2}$

Answer: E

5. If a fair coin is flipped, the probability it lands face up is $\frac{1}{2}$. If 3 such coins are flipped, what is the probability all three will land face up?

- A. $\frac{1}{8}$ B. $\frac{1}{3}$ C. $\frac{1}{2}$ D. $\frac{2}{3}$ E. $\frac{3}{4}$

Answer: A