JOHNS HOPKINS
UNIVERSITY

Center for Talented Youth

SCAT

School and College Ability Tests

SAMPLE QUESTIONS 6TH GRADERS AND ALL HIGHER GRADES

Directions
Mark your answers on a separate answer sheet. Mark only one answer for each question. If you want to change an answer, erase your first mark completely.

Note: The actual CTY test will be delivered via computer, will have more items, more difficult items and will include topics not covered in the shortened practice test.

Part I — 5 minutes

Directions

Each question begins with two words. These two words go together in a certain way. Under them, there are four other pairs of words lettered A, B, C, and D.

Find the lettered pair of words that go together in the same way as the first pair of words.

1 alphabet : letter ::
   A novel : mystery
   B synthesis : opinion
   C orchestra : instrument
   D data : quantity

2 calf : cow ::
   A puppy : dog
   B nest : bird
   C horse : bull
   D shell : turtle

3 radiant : somber ::
   A savory : delightful
   B pandemonium : din
   C intrepid : obvious
   D ample : scant

4 esteem : admirable ::
   A disapproval : imitated
   B disdain : repugnant
   C envy : dismissed
   D favor : contentious

5 likeness : caricature ::
   A poem : song
   B photograph : portrait
   C fiction : nonfiction
   D drama : parody

6 pseudonym : author ::
   A title : nobility
   B degree : scholar
   C alias : lawbreaker
   D mask : costumer

7 myopia : nearsightedness ::
   A vertigo : dizziness
   B neurosis : psychosis
   C epidemic : fever
   D apoplexy : anger

8 symphony : note ::
   A graph : bar
   B code : language
   C novel : short story
   D painting : brushstroke

9 hermit : solitary ::
   A donor : sacrificial
   B inquisitor : malicious
   C pessimist : negative
   D politician : eloquent

10 principal : school ::
   A consultant : government
   B advisor : court
   C senator : congress
   D president : nation

Part II — 5 minutes

Directions

Each of the following questions has two parts. One part is in Column A. The other part is in Column B.

You must find out if one part is greater than the other, if the parts are equal, or if not enough information is given for you to decide.

Then, choose one of the four answers below:

> A if the part in Column A is greater
> B if the part in Column B is greater
> C if the two parts are equal
> D if not enough information is given to decide

Note: Letters such as n and k stand for real numbers. If the same letter appears in both columns of a question, it stands for the same number.

Column A	Column B
1. 0.720 + 0.004	0.072 + 0.400
2. The value of n if $3n - 1 = 14$	The value of k if $3k + 1 = 11$

$n < 8$

Column A	Column B
3. n	6
4. The value of a number if 6 times the number is 6	The value of a number if 5 times the number is 5
5. The greatest odd number less than 29	The least odd number greater than 27

Column A	Column B
6. 3 hours 40 minutes + 2 hours 40 minutes	7 hours 20 minutes - 40 minutes
7. 25%	$\frac{3}{8}$
8. A distance of 100 meters	A distance of $\frac{2}{10}$ kilometer
9. 29 Days	Number of days in Month k
10. (35 x 50)	(35 x 5) + (35 x 10)

Answer Key

Verbal
1.C
2.A
3.D
4.B
5.B
6.C
7.A
8.D
9.C
10.D

Quantitative
1.A
2.A
3.D
4.C
5.B
6.B
7.B
8.B
9.D
10.A

PARENTS! Your child's performance on the real test will vary from their performance on these sample questions. The purpose of these sample questions is to help you familiarize your child with the test format. The real test will be given on a computer and will have harder questions. CTY does not provide a comprehensive list of topics.