

# GRE EXAM SAMPLE PAPER OF GENERAL TEST

## Quantitative Reasoning

### Question 1.

Refer to the figure.

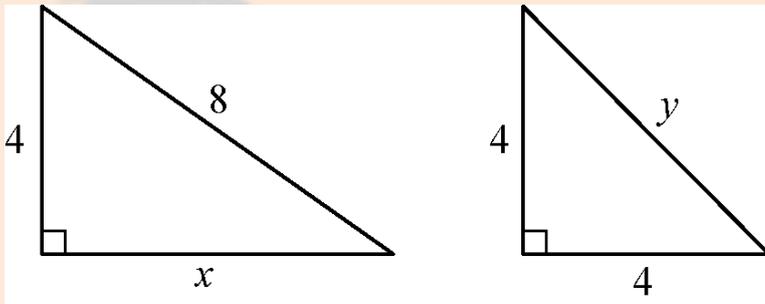


Figure for Question 1

The figure shows two right triangles. One of the triangles has a leg of length 4 and a leg of length  $x$ , and a hypotenuse of length 8. The other triangle has two legs, each of which is of length 4, and a hypotenuse of length  $y$ .

Quantity A:  $x$

Quantity B:  $y$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.

### Question 2.

It is given that

$$(x - 2y)(x + 2y) = 4$$

open parenthesis, x minus 2y, close parenthesis, times open parenthesis, x + 2y, close parenthesis, = 4

Quantity A:  $x^2 - 4y^2$  x squared, minus, 4 times the quantity y squared

Quantity B: 8

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.

### Question 3.

A certain recipe requires  $\frac{3}{2}$  three halves cups of sugar and makes 2 dozen cookies.

(1 dozen = 12)

Quantity A: The amount of sugar required for the same recipe to make 30 cookies

Quantity B: 2 cups

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.

### Question 4.

A power station is located on the boundary of a square region that measures 10 miles on each side. Three substations are located inside the square region.

Quantity A: The sum of the distances from the power station to each of the substations

Quantity B: 30 miles

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.

D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.

Question 5.

It is given that

$6 < x < 7$  6 is less than x, which is less than 7,

and

$y = 8$

Quantity A:  $\frac{x}{y}$  the fraction x over y

Quantity B: 0.85

A. Quantity A is greater.

B. Quantity B is greater.

C. The two quantities are equal.

D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.

**Question 6.**

Refer to the figure.

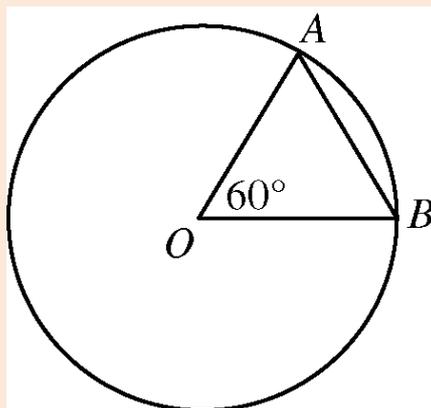


Figure for Question 6

The figure accompanying this question consists of a circle and triangle B O A, where O is the center of the circle and A and B are points that lie on the circle. In the triangle, the measure of angle B O A is 60 degrees.

It is given that O is the center of the circle and the perimeter of triangle B O A is 6.

Quantity A: The circumference of the circle

Quantity B: 12

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.

**Question 7.**

Quantity A: The standard deviation of a set of 5 different integers, each of which is between 0 and 10

Quantity B: The standard deviation of a set of 5 different integers, each of which is between 10 and 20

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.

**Question 8.**

It is given that  $x$  is greater than 1.

Quantity A:  $x(x^2)^4$   $x$  times, the fourth power of, open parenthesis,  $x$  squared, close parenthesis

Quantity B:  $(x^3)^3$  open parenthesis,  $x$  cubed, close parenthesis, to the third power

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.

**Question 9.**

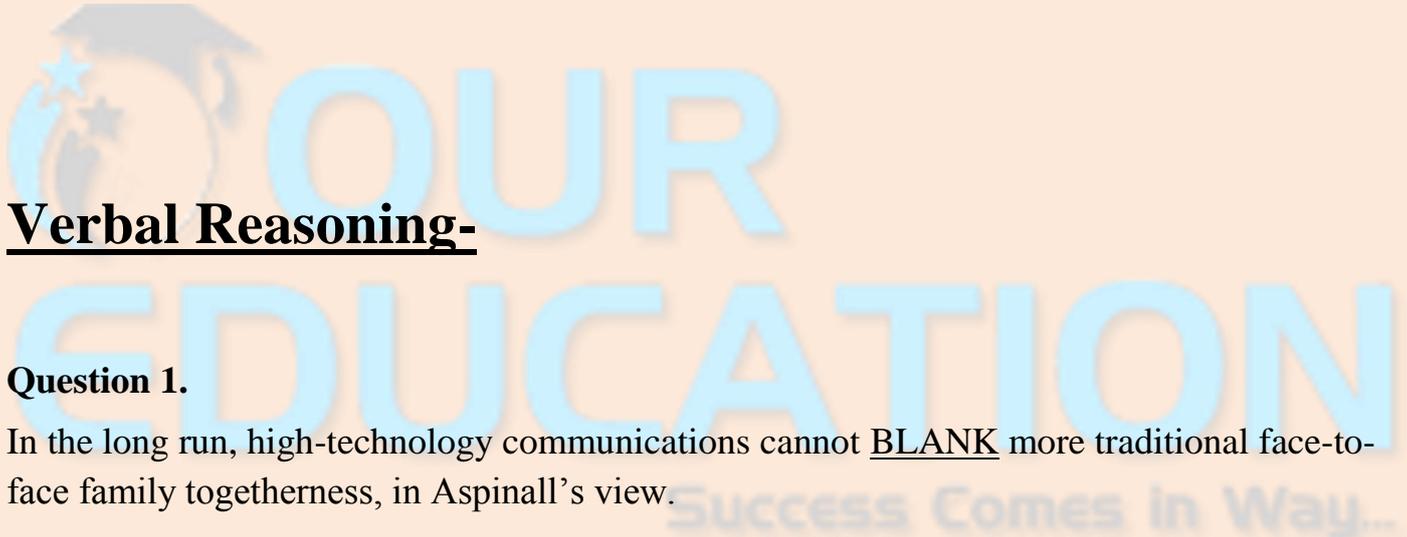
It is given that  $x$  is not equal to 0.

Quantity A:  $|x| + |-2|$  the absolute value of  $x$  + the absolute value of negative 2

Quantity B:  $|x - 2|$  the absolute value of the quantity  $x$  minus 2

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

From the answer choices given, select and indicate the one that describes the relationship between quantity A and quantity B.



**Verbal Reasoning-**

**Question 1.**

In the long run, high-technology communications cannot BLANK more traditional face-to-face family togetherness, in Aspinall's view.

Now listen to the six answer choices, labelled A through F.

- A. ameliorate
- B. compromise
- C. supersede
- D. approximate
- E. enervate
- F. supplant

Indicate your two answer choices.

Answer Choices in Context:

- A. ameliorate. In the long run, high-technology communications cannot ameliorate more traditional face-to-face family togetherness, in Aspinall's view.
- B. compromise. In the long run, high-technology communications cannot compromise more traditional face-to-face family togetherness, in Aspinall's view.
- C. supersede. In the long run, high-technology communications cannot supersede more traditional face-to-face family togetherness, in Aspinall's view.
- D. approximate. In the long run, high-technology communications cannot approximate more traditional face-to-face family togetherness, in Aspinall's view.
- E. enervate. In the long run, high-technology communications cannot enervate more traditional face-to-face family togetherness, in Aspinall's view.
- F. supplant. In the long run, high-technology communications cannot supplant more traditional face-to-face family togetherness, in Aspinall's view.

Indicate your two answer choices.

## Question 2.

Even in this business, where BLANK is part of everyday life, a talent for lying is not something usually found on one's resume.

Now listen to the six answer choices, labeled A through F.

- A. aspiration
- B. mendacity
- C. prevarication
- D. insensitivity
- E. baseness
- F. avarice

Indicate your two answer choices or go on to hear them in context.

Answer Choices in Context:

- A. aspiration. Even in this business, where aspiration is part of everyday life, a talent for lying is not something usually found on one's resume.
- B. mendacity. Even in this business, where mendacity is part of everyday life, a talent for lying is not something usually found on one's resume.
- C. prevarication. Even in this business, where prevarication is part of everyday life, a talent for lying is not something usually found on one's resume.
- D. insensitivity. Even in this business, where insensitivity is part of everyday life, a talent for lying is not something usually found on one's resume.
- E. baseness. Even in this business, where baseness is part of everyday life, a talent for lying is not something usually found on one's resume.
- F. avarice. Even in this business, where avarice is part of everyday life, a talent for lying is not something usually found on one's resume.

Indicate your two answer choices.

### Question 3.

A restaurant's menu is generally reflected in its decor; however despite this restaurant's BLANK appearance it is pedestrian in the menu it offers.

Now listen to the six answer choices, labelled A through F.

- A. elegant
- B. tawdry
- C. modern
- D. traditional
- E. conventional
- F. chic (Spelled: C H I C)

Indicate your two answer choices or go on to hear them in context.

Answer Choices in Context:

A. elegant. A restaurant's menu is generally reflected in its decor; however despite this restaurant's elegant appearance it is pedestrian in the menu it offers.

B. tawdry. A restaurant's menu is generally reflected in its decor; however despite this restaurant's tawdry appearance it is pedestrian in the menu it offers.

C. modern. A restaurant's menu is generally reflected in its decor; however despite this restaurant's modern appearance it is pedestrian in the menu it offers.

D. traditional. A restaurant's menu is generally reflected in its decor; however despite this restaurant's traditional appearance it is pedestrian in the menu it offers.

E. conventional. A restaurant's menu is generally reflected in its decor; however despite this restaurant's conventional appearance it is pedestrian in the menu it offers.

F. chic. A restaurant's menu is generally reflected in its decor; however despite this restaurant's chic appearance it is pedestrian in the menu it offers.

Indicate your two answer choices.

#### Question 4.

International financial issues are typically BLANK by the United States media because they are too technical to make snappy headlines and too inaccessible to people who lack a background in economics.

Now listen to the six answer choices, labelled A through F.

A. neglected

B. slighted

C. overrated

D. hidden

E. criticized

F. repudiated

Indicate your two answer choices or go on to hear them in context.

Answer Choices in Context:

A. neglected. International financial issues are typically neglected by the United States media because they are too technical to make snappy headlines and too inaccessible to people who lack a background in economics.

B. slighted. International financial issues are typically slighted by the United States media because they are too technical to make snappy headlines and too inaccessible to people who lack a background in economics.

C. overrated. International financial issues are typically overrated by the United States media because they are too technical to make snappy headlines and too inaccessible to people who lack a background in economics.

D. hidden. International financial issues are typically hidden by the United States media because they are too technical to make snappy headlines and too inaccessible to people who lack a background in economics.

E. criticized. International financial issues are typically criticized by the United States media because they are too technical to make snappy headlines and too inaccessible to people who lack a background in economics.

F. repudiated. International financial issues are typically repudiated by the United States media because they are too technical to make snappy headlines and too inaccessible to people who lack a background in economics.

Indicate your two answer choices.

### Question 5.

While in many ways their personalities could not have been more different—she was ebullient where he was glum, relaxed where he was awkward, garrulous where he was BLANK — they were surprisingly well suited.

Now listen to the six answer choices, labelled A through F.

- A. solicitous
- B. munificent
- C. irresolute
- D. laconic
- E. fastidious

F. taciturn

Indicate your two answer choices or go on to hear them in context.

Answer Choices in Context:

A. solicitous. While in many ways their personalities could not have been more different—she was ebullient where he was glum, relaxed where he was awkward, garrulous where he was solicitous—they were surprisingly well suited.

B. munificent. While in many ways their personalities could not have been more different—she was ebullient where he was glum, relaxed where he was awkward, garrulous where he was munificent—they were surprisingly well suited.

C. irresolute. While in many ways their personalities could not have been more different—she was ebullient where he was glum, relaxed where he was awkward, garrulous where he was irresolute—they were surprisingly well suited.

D. laconic. While in many ways their personalities could not have been more different—she was ebullient where he was glum, relaxed where he was awkward, garrulous where he was laconic—they were surprisingly well suited.

E. fastidious. While in many ways their personalities could not have been more different—she was ebullient where he was glum, relaxed where he was awkward, garrulous where he was fastidious—they were surprisingly well suited.

F. taciturn. While in many ways their personalities could not have been more different—she was ebullient where he was glum, relaxed where he was awkward, garrulous where he was taciturn—they were surprisingly well suited.

## **Analytical Writing-**

### **ANALYZE AN ARGUMENT:**

#### **Directions:**

You will be given a short passage that presents an argument, or an argument to be completed, and specific instructions on how to respond to that passage. Plan and compose a response in which you analyze the passage according to the specific instructions. A response to any other argument will receive a score of zero. Standard timing for an argument topic is 30 minutes.

Note that you are NOT being asked to present your own views on the subject. Make sure that you respond to the specific instructions and support your analysis with relevant reasons and/or examples.

Trained GRE readers will read your analysis and evaluate its overall quality according to how well you do each of the following:

- Respond to the specific instructions on the passage
- Identify and analyze important features of the passage
- Organize, develop, and express your analysis
- Support your analysis with relevant reasons and/or examples
- Control the elements of standard written English

Before you begin writing, you may want to think for a few minutes about the passage and the instructions and then plan your response. Be sure to develop your analysis fully and organize it coherently, but leave time to reread what you have written and make any revisions you think are necessary.

Argument Topic:

The argument to be analysed is as follows:

Hospital statistics regarding people who go to the emergency room after roller-skating accidents indicate the need for more protective equipment. Within that group of people, 75 percent of those who had accidents in streets or parking lots had not been wearing any protective clothing (helmets, knee pads, etc.) or any light-reflecting material (clip-on lights, glow-in-the-dark wrist pads, etc.). Clearly, the statistics indicate that by investing in high-quality protective gear and reflective equipment, roller skaters will greatly reduce their risk of being severely injured in an accident.

Write a response in which you examine the unstated assumptions of the argument. Be sure to explain how the argument depends on these assumptions and what the implications are if the assumptions prove unwarranted.

## ANALYZE AN ISSUE:

### Directions:

You will be given a brief quotation that states or implies an issue of general interest and specific instructions on how to respond to that issue. Plan and compose a response in which you develop a position on the issue according to the specific instructions. A response to any other issue will receive a score of zero. Standard timing for an issue topic is 30 minutes.

Make sure that you respond to the specific instructions and support your position on the issue with reasons and examples drawn from such areas as your reading, experience, observations, and/or academic studies.

Trained GRE readers will read your response and evaluate its overall quality according to how well you do each of the following:

- Respond to the specific instructions on the issue
- Consider the complexities of the issue
- Organize, develop, and express your ideas
- Support your position with relevant reasons and/or examples
- Control the elements of standard written English

Before you begin writing, you may want to think for a few minutes about the issue and the instructions and then plan your response. Be sure to develop your position fully and organize it coherently, but leave time to reread what you have written and make any revisions you think are necessary.

Issue Topic:

The best ideas arise from a passionate interest in commonplace things.

Discuss the extent to which you agree or disagree with the statement above and explain your reasoning for the position you take. In developing and supporting your position, you should consider ways in which the statement might or might not hold true and explain how those considerations shape your position.

