QUESTION 1

Select the best of the answer choices given.

The interview is an essential part of a successful hiring program because, with it job applicants who have personalities that are unsuited to the requirements of the job will be eliminated from consideration.

The argument above logically depends on which of the following assumptions?

(A) A hiring program will be successful if it includes interviews.

(B) The interview is a more important part of a successful hiring program than is the development of a job description.

(C) Interviewers can accurately identify applicants whose personalities are unsuited to the requirements of the job.

(D) The only purpose of an interview is to evaluate whether job applicants’ personalities are suited to the requirements of the job.

(E) The fit of job applicants’ personalities to the requirements of the job was once the most important factor in making hiring decisions.

ANSWER:

(A) The interview is an essential part, but not the only part of a successful hiring program.

(B) The argument does not address the importance of developing a job description.

(C) Correct. The interview can only eliminate those unsuited to the job if the personalities can be accurately identified.

(D) The argument states one thing that can be done with the interview, but does not imply that is its only purpose.

(E) The argument identifies a way to find people who are not a fit, but does not imply who will be the best fit. Furthermore, there is no information about past data on hiring decisions.
QUESTION 2

This question presents a sentence, part of which is underlined. Beneath the sentence you will find five ways of phrasing the underlined part. The first of these repeats the original; the other four are different. If you think the original is best, choose the first answer; otherwise choose one of the others.

Executives and federal officials say that the use of crack and cocaine is growing rapidly among workers, significantly compounding the effects of drug and alcohol abuse, which already are a cost to business of more than $100 billion a year.

(A) significantly compounding the effects of drug and alcohol abuse, which already are a cost to business of

(B) significantly compounding the effects of drug and alcohol abuse, which already cost business

(C) significantly compounding the effects of drug and alcohol abuse, already with business costs of

(D) significant in compounding the effects of drug and alcohol abuse, and already costing business

(E) significant in compounding the effects of drug and alcohol abuse, and already costs business

ANSWER

(A) **are a cost to business** is passive and not preferred.

(B) **Correct.**

(C) **already with business costs of** is awkward and wordy.

(D) **significant in compounding** should modify **effects of drug and alcohol abuse** so is awkward and wordy; use of **and** suggests it refers to the **use of crack and cocaine** when it should refer to the **effects.**

(E) **significant in compounding** should modify **effects of drug and alcohol abuse** so is awkward and wordy; use of **and** suggests it refers to the **use of crack and cocaine** when it should refer to the **effects.**
Transnational cooperation among corporations is experiencing a modest renaissance among United States firms, even though projects undertaken by two or more corporations under a collaborative agreement are less profitable than projects undertaken by a single corporation. The advantage of transnational cooperation is that such joint international projects may allow United States firms to win foreign contracts that they would not otherwise be able to win.

Which of the following is information provided by the passage?

(A) Transnational cooperation involves projects too big for a single corporation to handle.

(B) Transnational cooperation results in a pooling of resources leading to high-quality performance.

(C) Transnational cooperation has in the past been both more common and less common than it is now among United States firms.

(D) Joint projects between United States and foreign corporations are not profitable enough to be worth undertaking.

(E) Joint projects between United States and foreign corporations benefit only those who commission the projects.

**ANSWER**

(A) The passage does not provide information about the size of the projects or the reasons they choose to work collaboratively.

(B) The passage does not provide information about the reasons the projects are offered as transnational.

(C) Correct. That they are *experiencing a modest renaissance* implies that they are returning to favor after being out of style for a while.

(D) The passage states that they are *less profitable* than single projects, but does not imply that they are not profitable.

(E) The passage states that the joint projects benefit the United States firms, since they are awarded new contracts.
Questions with Answers and Explanations

QUESTION 4

This question presents a sentence, part of which is underlined. Beneath the sentence you will find five ways of phrasing the underlined part. The first of these repeats the original; the other four are different. If you think the original is best, choose the first answer; otherwise choose one of the others.

Like Auden, the language of James Merrill is chatty, arch, and conversational — given to complex syntactic flights as well as to prosaic free-verse strolls.

(A) Like Auden, the language of James Merrill
(B) Like Auden, James Merrill's language
(C) Like Auden's, James Merrill's language
(D) As with Auden, James Merrill's language
(E) As is Auden's the language of James Merrill

ANSWER

(A) Like Auden modifies language rather than the intended Merrill.
(B) Like Auden modifies language rather than the intended Merrill.
(C) Correct. With Like Auden’s the language is implied. It correctly modifies Merrill’s language.
(D) Auden needs to be in the possessive form to match with Merrill’s.
(E) Lack of parallel structure; Auden’s does not match of James Merrill.
QUESTION 5

On a 3-day fishing trip, 4 adults consumed food costing $60. For the same food costs per person per day, what would be the cost of food consumed by 7 adults during a 5-day fishing trip?

(A) $300
(B) $175
(C) $105
(D) $100
(E) $84

ANSWER

Determine the food costs per person per day by dividing the total food cost of $60 by 4 adults and 3 days, \((\frac{60}{4})/3=\frac{15}{3}=5\). Then multiply by the food costs by the number of adults and days of the new trip, \(5*7*5=\$175\).

The correct answer is B.
QUESTION 6

The number of rooms at Hotel G is 10 less than twice the number of rooms at Hotel H. If the total number of rooms at Hotel G and Hotel H is 425, what is the number of rooms at Hotel G?

(A) 140  
(B) 180  
(C) 200  
(D) 240  
(E) 280

Answer

If \( g \) is the number of rooms at Hotel G and \( h \) is the number of rooms at Hotel H, then the first part of the problem can be represented by the equation \( g = 2h - 10 \) and the second part can be represented by \( g + h = 425 \).

Solve the system of equations by substituting for \( g \) in the second equation:

\[
\begin{align*}
g &= 2h - 10 \\
g + h &= 425 \\
(2h-10) + h &= 425 \\
3h - 10 &= 425 \\
3h &= 435 \\
h &= 145
\end{align*}
\]

Then find \( g \):

\[
\begin{align*}
g &= 2h - 10 \\
g &= 2(145) - 10 \\
g &= 290 - 10 \\
g &= 280
\end{align*}
\]

The correct answer is E.
**QUESTION 7**

Is the average (arithmetic mean) of \(x\) and \(y\) greater than 20?

Is the average (arithmetic mean) of \(2x\) and \(2y\) is 48.

\[ x = 3y \]

Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.

Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.

Both statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient

EACH statement ALONE is sufficient

Statements (1) and (2) TOGETHER are NOT sufficient

**ANSWER**

The arithmetic mean of \(x\) and \(y\) can be represented as the sum divided by 2. Then the problem can be written as

\[ \frac{x + y}{2} > 20 \]

which can also be expressed as \(x + y > 40\)

(1) Express the average as an equation and simplify:

\[ \frac{2x + 2y}{2} = 48 \quad 2x/2 + 2y/2 = 48 \quad x + y = 48 \]

\[ 48 > 40; \text{ SUFFICIENT} \]

(2) Substituting for \(x\) in the inequality yields:

\[ x + y > 40 \quad 3y + y > 40 \quad 4y > 40 \quad y > 10 \]

If \(y > 10\), then the answer to the question is yes; if \(y \leq 10\), then the answer to the question is no. Without additional information, the question cannot be answered. NOT sufficient.

Alternatively, you can substitute values of \(x\) and \(y\) that satisfy the condition \(x = 3y\), and see if you find solutions that give you conflicting results:

If \(y = 5\) and \(x = 15\), then \(\frac{x + y}{2} = 10\), which is NOT greater than 20. If \(y = 20\) and \(x = 60\), then \(\frac{x + y}{2} = 40\), which IS greater than 20.

**The correct answer is A; Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.**
QUESTION 8
Can the positive integer \( p \) be expressed as the product of two integers, each of which is greater than 1?

(1) \( 31 < p < 37 \)   (2) \( p \) is odd

Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
Both statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient
EACH statement ALONE is sufficient

Statements (1) and (2) TOGETHER are NOT sufficient

ANSWER

For this problem, it is not necessary to determine the value of \( p \), but merely whether \( p \) is prime (answer to the question is no) or not prime (answer to the question is yes).

1. Possible values of \( p \) are 32, 33, 34, 35, and 36, all of which are not prime. SUFFICIENT.
2. There are several possible values of \( p \) that are prime and others that are not prime. NOT sufficient.

The correct answer is A; Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.