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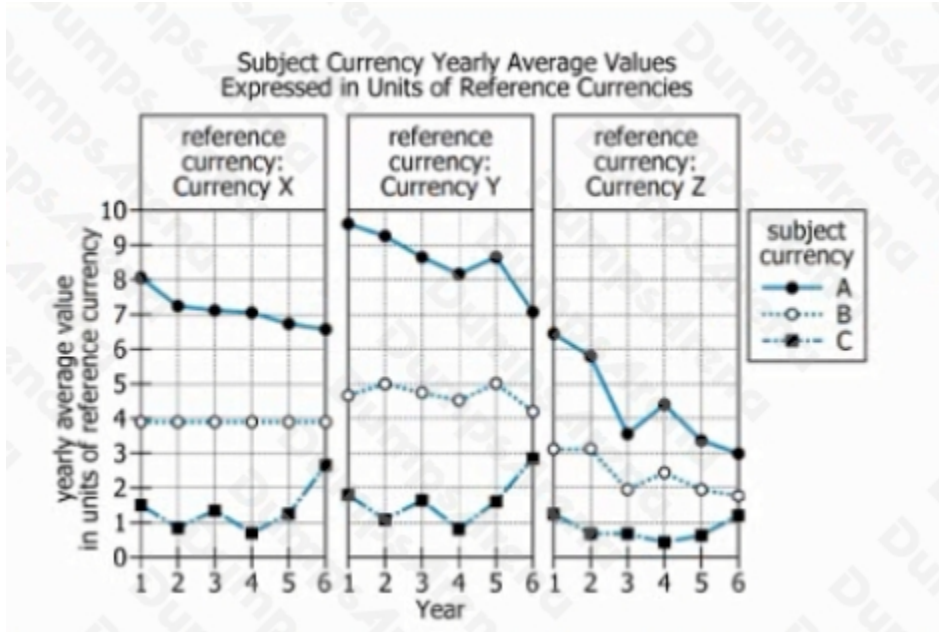
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Topic Break Down

Topic	No. of Questions
Topic 1, Integrated Reasoning	69
Topic 2, Quantitative Reasoning	187
Topic 3, Verbal Reasoning	205
Topic 4, Analytical Writing Assessment	1
Total	462

QUESTION NO: 1 - (SIMULATION)



Currency was the only subject currency that had, for at least two consecutive years, a yearly average value of less than one unit of a reference currency, Currency .

ANSWER: Seetheanswerbelowinbox

Explanation:

Answer in box listed

Currency was the only subject currency that had, for at least two consecutive years, a yearly average value of less than one unit of a reference currency, Currency .

QUESTION NO: 2

All 15 members of a foreign language club speak one or more of three languages—Spanish, French, and German. If $\frac{1}{3}$ of the members speak Spanish, $\frac{2}{5}$ of the members speak French, $\frac{2}{3}$ of the members speak German, and 1 member speaks all three of the languages, how many members speak exactly two of the languages?

- A. 0
- B. 1
- C. 2
- D. 3

E. 4

ANSWER: E**QUESTION NO: 3**

Which of the following does the passage NOT indicate is practiced by one or more companies in emerging markets discussed in the study?

- A. Lowering prices in order to decrease certain types of losses
- B. Reengineering their practices in order to do more with fewer resources
- C. Reducing illegal use of their resources by working with regulators
- D. Allying with other companies in order to develop environmental sustainability initiatives
- E. Working with outside partners to mitigate risks of the company's investments

ANSWER: D**QUESTION NO: 4**

Tax rate	Interval of taxable income
10%	\$0 to \$10,000
15%	\$10,001 to \$30,000
25%	≥ \$30,001

A certain income tax is graduated according to the table above. For example, an individual with a taxable income of \$40,000 pays $(0.10)(\$10,000) + (0.15)(\$20,000) + (0.25)(\$10,000) = \$6,500$ in taxes. Last year, Tim paid income tax based on the rates in the table and paid no other taxes. What was Tim's taxable income last year?

- (1) Last year, Tim paid \$9,000 in taxes.
- (2) Last year, Tim paid the equivalent of 18% of his taxable income in taxes.

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

ANSWER: D**QUESTION NO: 5**

Purina her lifetime, when her 1922 book Etiquette was running second only to the Bible in United States sales. Emily Post was ridiculed as a period-piece snob focused on minutiae, even though her book argued against snobbery.

- A. During her lifetime, when her 1922 book Etiquette was running second only to the Bible in United States sales, Emily Post was ridiculed as a period-piece snob focused on minutiae, even
- B. While during her lifetime, Emily Post's 1922 book Etiquette running second in United States sales only to the Bible was ridiculed as a period-piece snob focused on minutiae,
- C. With Emily Post's 1922 book Etiquette running second only to the Bible in United States sales, even during her lifetime ridiculed as a period-piece snob focused on minutiae,
- D. Emily Post was ridiculed as a period-piece snob focused on minutiae, when her 1922 book Etiquette was running second in United States sales only to the Bible, even during her lifetime,
- E. Emily Post's 1922 book Etiquette was running second only to the Bible in United States sales, during her lifetime was ridiculed as a period-piece snob focused on minutiae, even

ANSWER: A

QUESTION NO: 6 - (HOTSPOT)

A company processes boxes that have a number of different dimensions. Based on the dimensions of the boxes, the company classifies all of them In three categories. A, B. and C. The table Ms some examples of boxes, their Dimensions, and their classification categories.

Sort by:

Sample Batch of Boxes

Box	Length (cm)	Width (cm)	Height (cm)	Category
1	10	8	8	A
2	24	12	8	A
3	54	10	10	B
4	60	40	32	C
5	10	10	8	A
6	60	60	20	C
7	20	20	20	B
8	10	6	8	A
9	16	10	8	A
10	16	10	8	A
11	80	60	60	C
12	80	60	60	C
13	44	24	10	B
14	24	24	24	B
15	10	6	10	A
16	16	12	12	A
17	20	20	20	B
18	64	60	44	C

For each of the following classification principles, select *Yes* if it is consistent with the information provided in the table. Otherwise, select *No*.

Yes No

- No box that has a total volume of 1,000 cm³ or more is in Category A.
- Only boxes of which the sum of length + width + height is less than 50 cm are in Category A.
- No box whose longest side is greater than 20 cm long is in Category B.

ANSWER:

For each of the following classification principles, select *Yes* if it is consistent with the information provided in the table. Otherwise, select *No*.

Yes No

- No box that has a total volume of 1,000 cm³ or more is in Category A.
- Only boxes of which the sum of length + width + height is less than 50 cm are in Category A.
- No box whose longest side is greater than 20 cm long is in Category B.

QUESTION NO: 7



In the figure above, circular regions and represent sets of integers and every integer greater than 2 is in M or A , or in both. Is the integer 11 in the shaded region?

- (1) M represents the set of integers greater than 2 that are not prime.
- (2) M represents the set of odd integers greater than 2.

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

ANSWER: C

QUESTION NO: 8

The function $f(x)$ is defined by $f(x) = \frac{1}{2}xt^3$ for all numbers x of the form $x = 2^t$, where t is an integer. For a given number x of this form, is $f(x)$ negative?

- (1) t is odd.
- (2) $x^2 < x$

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

ANSWER: B

QUESTION NO: 9

A certain family recipe for creamy rice pudding requires $x\%$ of a jug of milk for every $y\%$ of a container of yogurt. If xy jugs of milk are required to make z kilograms (kg) of the pudding using this recipe, how many containers of yogurt are required to make z kg of the pudding using this recipe?

- (1) $x = 3$
- (2) $y = 2$

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

ANSWER: B

QUESTION NO: 10

It can be inferred from the passage that Sorenson and Audia's argument differs in part from the economic explanations mentioned in the highlighted text in that Sorenson and Audia claim that

- A. lower failure rates in an industry are not necessarily a result of better performance
- B. geographic concentration of production is a result of higher founding rates
- C. access to scarce resources is less important for the success of a new organization than is proximity to consumers
- D. structurally equivalent organizations compete with one another for consumers in the same market
- E. certain geographical regions offer intrinsic advantages that can benefit a particular industry economically

ANSWER: B

QUESTION NO: 11

Morowa: As a general rule, those responsible for harming the environment should be responsible for fixing it. Thus, businesses should pay for and clean up environmental

problems they cause.

Thema: Are the businesses the only ones responsible? Oftentimes, consumers drive businesses to produce products in environmentally damaging ways by primarily

purchasing inexpensive items that disproportionately result in greater environmental harm.

Which of the following, if true, provides the strongest support for Morowa's argument in light of Thema's reply?

- A. Consumers of such products know that they are responsible for harming the environment.
- B. At least some consumers purchase products that they know are environmentally friendly.
- C. Most consumers purchase at least some products that do not substantially harm the environment.
- D. Being inexpensive does not necessarily result in environmental harm.
- E. Having businesses pay for and clean up their environmental problems can pass along some of the cost to consumers.

ANSWER: E

QUESTION NO: 12

Journal

The editor of Metathesis, a new academic journal of literature, manages the peer-review of articles submitted for publication. The journal accepts articles focusing on any of three general subject areas: comparative literature, modernist literature, and postcolonial literature.

When an article is submitted, the editor has the article peer-reviewed by exactly three experts, none of whom authored or coauthored the article. The table (see the Reviewers/Authors tab) consists of all the authors or coauthors who have recently

submitted articles and all the experts who currently peer-review or have recently peer-reviewed those articles. It also lists the general subject areas for each of the authors and reviewers.

Each author of each submitted article specializes in the general subject area of the article. Moreover, each recently submitted article was peer-reviewed by experts listed in the table.

Review Rules

Scholar	Institutional affiliation	Specialization (General subject area)
Amaros	ABC University	comparative
Borsky	PQR University	modernist
DiNapoli	XYZ University	postcolonial
Farkas	ABC University	postcolonial
Huang	PQR University	comparative
Kenyatta	PQR University	modernist
Laprade	ABC University	comparative
Nichols	XYZ University	modernist
Poundstone	ABC University	modernist

- A. Poundstone was a primary reviewer and Kenyatta the secondary reviewer.
- B. Nichols was a primary reviewer and Kenyatta the secondary reviewer.
- C. Kenyatta was a primary reviewer and Nichols the secondary reviewer.
- D. Nichols was a primary reviewer and Farkas the secondary reviewer.
- E. Poundstone was a primary reviewer and Huang the secondary reviewer

ANSWER: C

QUESTION NO: 13

Doctor: People who have grown up on farms and have been frequently exposed to germs from farm animals are much less likely to develop allergies than are people who were raised in more sanitary environments. This suggests that childhood exposure to certain microorganisms improves the function of the immune system.

In order to assess the strength of the doctor's argument, it would be most helpful to know which of the following?

- A. Whether farm animals exposed to microorganisms can develop allergies as a result

- B. To which species of microorganisms children who grow up on farms are most often exposed
- C. How the lifestyles of children on farms tend to be distinctive in other ways known to affect the function of the immune system
- D. Whether adults who work with farm animals are less likely to develop allergies than adults from similar backgrounds who work in sanitary environments
- E. Whether most of the allergies suffered by adults who did not grow up on farms are caused by allergens found on farms

ANSWER: C

QUESTION NO: 14

Incumbents in the United States House of Representatives who spend large amounts of money on a reelection campaign usually lose, whereas those who spend relatively little money usually win. Thus, heavy campaign spending is detrimental to an incumbent's reelection campaign.

Which of the following, if true, most seriously weakens the argument above?

- A. In the most recent elections for the House of Representatives, roughly half of the winners spent large amounts of money on their campaigns.
- B. The incumbents who spend large amounts of money are the ones who know that they are politically vulnerable.
- C. Incumbents raise most of their campaign money through contributions by large corporations.
- D. Because their names are already known to the public, incumbents do not need to spend as much money to finance their campaigns as new candidates do.
- E. Most incumbents who run for reelection win their reelection campaigns.

ANSWER: B

QUESTION NO: 15 - (HOTSPOT)

West River Glen is deciding which network architecture should replace its old copper telephone lines. The town will replace 300 miles of Outside Plant (OSP) cable that will serve approximately 2,500 homes.

The first option is to install a Fiber to the Home (FTTH) system architecture that uses fiber-optic cable to transmit signals from the source to each home. The advantages of this architecture include greater bandwidth capabilities, less signal loss, and slightly lower new-cable deployment costs than the second option, Hybrid Fiber-Coax (HFC).

An HFC network integrates fiber-optic cables and devices with coaxial cables.

This will cost the town substantially less money for internal equipment and for customer installations. However, the coaxial cable does not last as long as fiberoptic cable and will thus need to be replaced more frequently, resulting in higher long-term maintenance expenses.

The town believes that either the FTTH or HFC architectures will be capable of serving the communities' data and television needs for the next 30 years.

For each of the following statements, select Yes if the statement can be inferred to be true on the basis of the information provided. Otherwise, select No.

Yes	No
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>

ANSWER:

Yes	No
<input type="radio"/>	<input checked="" type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>

QUESTION NO: 16

If n is a positive integer, what is the remainder when $(7^{4n+3})(6^n)$ is divided by 10 ?

- A. 1
- B. 2
- C. 4
- D. 6
- E. 8

ANSWER: E**QUESTION NO: 17**

What is the median of the data set consisting of the 5 integers d , A , 3, 5, and 2 ?

(1) The mean of the data set is 4.

(2) $d > 3$

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

ANSWER: D**QUESTION NO: 18**

What is the remainder when the positive integer k is divided by 5?

(1)

When k is divided by 9, the remainder is 1.

(2)

When k is divided by 10, the remainder is 1.

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

ANSWER: B**QUESTION NO: 19**

If one of the numbers in list M is 30, is the range of the numbers in M greater than 12?

- (1)
The greatest number in M is 50.
- (2)
The least number in M is 25.
- 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. Statements (1) and (2) TOGETHER are NOT sufficient.

ANSWER: A

QUESTION NO: 20

- The scientists say the newly discovered caverns range from 330 to 825 feet wider from at least 425 feet deep, and have named them after family members and friends.
- A. wide, from at least 425 feet deep, and
 - B. wide and are at least 425 feet deep, and they
 - C. wide, are at least 425 feet deep, and
 - D. wide, while being at least 425 feet deep and they
 - E. wide and at least 425 feet deep and

ANSWER: B