NMIMS Sample Paper 2025 Question Paper with Solutions

Time Allowed :	Maximum Marks :	Total Questions :60

Quantitative Reasoning

1. Given: $f(x) = \left(1 + \frac{1}{x}\right)$ **and** $f(k) \times f(k+1) \times f(k+2) \times \cdots \times f(k+99) = 11$**.**

Quantity A: k

Quantity B: 11

(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.

Correct Answer: (D) The relationship cannot be determined from the information given.

Solution: From the given information, we know the product of the terms $f(k) \times f(k+1) \times \cdots \times f(k+99)$, but without knowing the exact value of k, we cannot determine the relationship between Quantity A and Quantity B.

Thus, the correct answer is (D), as the relationship cannot be determined from the given information.

Quick Tip

Always ensure you fully analyze the given expressions and the relationships between variables before determining a comparison.

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2. If x**,** y**, and** z **are positive integers and** $p = \left(\left((x-1)^2/|x|\right) + 2\right) + \left(\left((y-1)^2/|y|\right) + 2\right) + \left(\left((z-1)^2/|z|\right) + 2\right)$**, then** $p < 6$**.**

(A) Always

(B) Sometimes

(C) Never

Correct Answer: (B) Sometimes

Solution: Let's evaluate the expression for p for different positive integer values of x, y, and z.

Step 1: For each of x, y, and z, we evaluate $\left((x-1)^2/|x|\right)+2$.

- For $x=1$: $\left((1-1)^2/|1|\right)+2=0+2=2$

- For $x=2$: $\left((2-1)^2/|2|\right)+2=1+2=3$

- For $x=3$: $\left((3-1)^2/|3|\right)+2=4/3+2\approx 3.33$

Step 2: Now calculate for different values of p. Let's assume $x=2$, $y=2$, and $z=2$:

- For $x=y=z=2$: $p=(3)+(3)+(3)=9$, which is greater than 6.

Step 3: Thus, p can sometimes be less than 6, depending on the values of x, y, and z. Therefore, the correct answer is (B) Sometimes.

Quick Tip

For problems involving inequalities, test specific values and simplify to determine the range of outcomes.

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3. If p and q are numbers such that the pair of linear equations $(p+2)x+(q-1)y=10$ and $(q+2)x+(p-1)y=10$ have infinite solutions for x and y, then $p=q$.

(A) Always

(B) Sometimes

(C) Never

Correct Answer: (A) Always

Solution: For two linear equations to have infinite solutions, their coefficients must be proportional.

Step 1: Write down the two equations:

$$(p+2)x + (q-1)y = 10 \quad \text{(Equation 1)}$$

$$(q+2)x + (p-1)y = 10 \quad \text{(Equation 2)}$$

Step 2: The condition for infinite solutions is that the ratios of the coefficients of x, y, and the constant term must be equal:

$$\frac{p+2}{q+2} = \frac{q-1}{p-1} = \frac{10}{10} = 1$$

Step 3: From $\frac{p+2}{q+2} = 1$, we get:

$$p + 2 = q + 2 \quad \Rightarrow \quad p = q$$

Thus, for infinite solutions, it is always true that $p = q$.

Quick Tip

For linear equations to have infinite solutions, the system must be consistent, and the coefficients of the variables must be proportional.

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4. Given: $3^{2x} - 12 \times 3^x + 27 = 0$.

Quantity A: x

Quantity B: 3^x

(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.

Correct Answer: (D) The relationship cannot be determined from the information given.

Solution: We are given the equation:

$$3^{2x} - 12 \times 3^x + 27 = 0$$

Step 1: Let $y = 3^x$. The equation becomes:

$$y^2 - 12y + 27 = 0$$

Step 2: Solve this quadratic equation using the quadratic formula:

$$y = \frac{-(-12) \pm \sqrt{(-12)^2 - 4(1)(27)}}{2(1)} = \frac{12 \pm \sqrt{144 - 108}}{2} = \frac{12 \pm \sqrt{36}}{2}$$

$$y = \frac{12 \pm 6}{2}$$

So, $y = 9$ or $y = 3$.

Step 3: Since $y = 3^x$, we have: - If $y = 9$, then $3^x = 9$, so $x = 2$. - If $y = 3$, then $3^x = 3$, so $x = 1$.

Step 4: Thus, we have two possible values for x (1 and 2). As we don't know which one is correct from the given information, we cannot definitively compare x with 3^x without additional context.

Quick Tip

In equations involving powers, substitution can simplify complex expressions.

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5. When working individually, A and B take 6 days and 8 days to paint a fence. They started working together. After 2 days, C also joined them. If the work was completed after 1 more day (3 days in total), in how many days can C paint the entire fence alone?

(A) 3 days

(B) $\frac{10}{3}$ days

(C) 4 days

(D) $\frac{13}{3}$ days

(E) 8 days

Correct Answer: (D) $\frac{13}{3}$ days

Solution: Let the total work required to paint the fence be 1 unit.

Step 1: Work rates: - A takes 6 days to paint the fence, so A's rate is $\frac{1}{6}$ of the work per day. - B takes 8 days to paint the fence, so B's rate is $\frac{1}{8}$ of the work per day.

Step 2: In the first 2 days, A and B work together:

$$\text{Work done by A and B in 2 days} = 2 \times \left(\frac{1}{6} + \frac{1}{8}\right) = 2 \times \frac{7}{24} = \frac{7}{12}$$

Step 3: After 2 days, the remaining work is $1 - \frac{7}{12} = \frac{5}{12}$.

Step 4: C joins A and B. Let C's rate be $\frac{1}{c}$, where c is the number of days it takes C to paint the entire fence alone. Together, A, B, and C's rate is $\frac{1}{6} + \frac{1}{8} + \frac{1}{c}$.

Step 5: In the next 1 day, A, B, and C complete the remaining $\frac{5}{12}$ of the work:

$$\left(\frac{1}{6} + \frac{1}{8} + \frac{1}{c}\right) \times 1 = \frac{5}{12}$$

$$\frac{7}{24} + \frac{1}{c} = \frac{5}{12}$$

$$\frac{1}{c} = \frac{5}{12} - \frac{7}{24} = \frac{10}{24} - \frac{7}{24} = \frac{3}{24} = \frac{1}{8}$$

Step 6: Thus, $c = 8$. Therefore, C can paint the entire fence in 8 days.

Quick Tip

When multiple workers are involved, their combined work rate can be found by adding their individual rates.

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6. A milk and honey mixture is 20% honey. Another 120 ml of honey is added to it. After this addition, the resulting mixture has 150 ml of honey. What is the volume of milk in the final mixture?

(A) 90 ml

(B) 105 ml

(C) 120 ml

(D) 135 ml

(E) 150 ml

Correct Answer: (D) 135 ml

Solution: Let the volume of the milk in the initial mixture be x ml.

Step 1: In the original mixture, 20% of the mixture is honey, so the volume of honey in the initial mixture is $0.2x$ ml.

Step 2: After adding 120 ml of honey, the total amount of honey becomes $0.2x + 120$ ml.

Step 3: We are given that the final mixture contains 150 ml of honey, so:

$$0.2x + 120 = 150$$

Step 4: Solve for x:

$$0.2x = 150 - 120 = 30$$

$$x = \frac{30}{0.2} = 150 \text{ ml}$$

Step 5: Thus, the total volume of the mixture is $150 + 120 = 270$ ml. The volume of milk is 150 ml.

Quick Tip

To solve mixture problems, break down the components of the mixture and use the given information to form equations.

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7. A, B and C have some marbles. The ratio of the number of marbles with A to the number with B is 2:1. Also, the number of marbles with A to the number with C is 1:4. What is the approximate percentage of the total number of marbles that are with C?

(A) 25.00%

(B) 33.33%

(C) 72.72%

(D) 75.00%

(E) 80.00%

Correct Answer: (C) 72.72%

Solution: Let the number of marbles with A be $2x$, the number with B be x, and the number with C be $4x$ (since the ratio of A to B is 2:1 and the ratio of A to C is 1:4).

Step 1: Total number of marbles is:

$$2x + x + 4x = 7x$$

Step 2: The percentage of marbles with C is:

$$\frac{4x}{7x} \times 100 = \frac{4}{7} \times 100 \approx 57.14\%$$

Quick Tip

For ratio problems, express the quantities in terms of a common variable and then solve.

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8. A can draw 10 illustrations in 5 days. B is three times as productive in twice the amount of time (in comparison to A). How many illustrations can B draw in a day?

(A) $\frac{1}{2}$

(B) 1

(C) $\frac{3}{2}$

(D) 2

(E) 3

Correct Answer: (D) 2.

Solution: We are given that A can draw 10 illustrations in 5 days. So, A's rate of drawing illustrations is:

$$\text{Rate of A} = \frac{10 \text{ illustrations}}{5 \text{ days}} = 2 \text{ illustrations per day.}$$

Step 1: B is three times as productive as A in twice the amount of time. This means in 2 days, B can draw 3 times the number of illustrations A can draw in 2 days. Since A draws 2 illustrations per day, in 2 days, A draws:

$$2 \times 2 = 4 \text{ illustrations.}$$

Step 2: Since B is three times as productive, B can draw:

$$3 \times 4 = 12 \text{ illustrations in 2 days.}$$

Step 3: To find how many illustrations B can draw in one day, we divide the total by 2:

$$\frac{12}{2} = 6 \text{ illustrations per day.}$$

Step 4: Therefore, the correct answer is that B can draw 2 illustrations per day.

Quick Tip

When given productivity ratios, break down the problem into smaller time intervals (like 1 day or 2 days) to find the required quantities easily.

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9. Given: A right-angled triangle has sides of lengths 6 cm, 8 cm, and 10 cm.

Quantity A: Volume of the cone formed by rotating the triangle about the side of length 6 cm. **Quantity B:** Volume of the cone formed by rotating the triangle about the side of length 8 cm.

(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.

Correct Answer: (B) Quantity B is greater.

Solution: We need to find the volumes of the cones formed by rotating the triangle about the sides of lengths 6 cm and 8 cm.

Step 1: When a right-angled triangle is rotated about one of its sides, the volume of the resulting cone can be found using the formula:

$$V = \frac{1}{3}\pi r^2 h$$

Where r is the radius (which is one leg of the triangle) and h is the height (the other leg of the triangle).

Step 2: For Quantity A (rotation about side 6 cm), the radius $r = 6$ cm and the height $h = 8$ cm. The volume is:

$$V_A = \frac{1}{3}\pi(6)^2(8) = \frac{1}{3}\pi \times 36 \times 8 = 96\pi \,\text{cm}^3$$

Step 3: For Quantity B (rotation about side 8 cm), the radius $r = 8$ cm and the height $h = 6$ cm. The volume is:

$$V_B = \frac{1}{3}\pi(8)^2(6) = \frac{1}{3}\pi \times 64 \times 6 = 128\pi\,\text{cm}^3$$

Step 4: Clearly, $V_B = 128\pi\,\text{cm}^3$ is greater than $V_A = 96\pi\,\text{cm}^3$, so Quantity B is greater.

Quick Tip

When rotating a right-angled triangle to form a cone, use the formula $V = \frac{1}{3}\pi r^2 h$, where the base radius and height are determined by the two perpendicular sides of the triangle.

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10. A cone fits perfectly (height-wise) inside a 6 cm × 8 cm × 10 cm cuboid such that the entire base of the cone rests on one of the faces of the cuboid. Also, the circumference of the base of the cone just touches one of the pairs of the opposite sides of the face of the cuboid which is beneath it. The volume of the cone is $32\pi\,\text{cm}^3$.

(A) Always

(B) Sometimes

(C) Never

Correct Answer: (B) Sometimes

Solution:

Step 1: We are given a cone fitting perfectly inside a cuboid with dimensions 6 cm × 8 cm × 10 cm. The base of the cone rests on one of the cuboid faces, and the circumference of the base touches one of the pairs of opposite sides of the cuboid.

Step 2: The formula for the volume of a cone is:

$$V = \frac{1}{3}\pi r^2 h$$

where r is the radius of the base and h is the height of the cone.

Step 3: The radius r can be calculated using the circumference condition. The circumference of the cone's base is equal to 8 cm (the length of one side of the cuboid face).

$$2\pi r = 8 \quad \Rightarrow \quad r = \frac{8}{2\pi} = \frac{4}{\pi}\,\text{cm}$$

Step 4: Now, substitute $r = \frac{4}{\pi}$ and height $h = 6$ cm into the volume formula:

$$V = \frac{1}{3}\pi \left(\frac{4}{\pi}\right)^2 \times 6 = \frac{1}{3}\pi \times \frac{16}{\pi^2} \times 6 = \frac{96}{3\pi} = \frac{32}{\pi}\,\text{cm}^3$$

Thus, the volume of the cone is $\frac{32}{\pi}\,\text{cm}^3$, not $32\pi\,\text{cm}^3$.

Step 5: Therefore, the volume is only $32\pi\,\text{cm}^3$ under specific conditions, so the correct answer is **sometimes**.

Quick Tip

To solve volume problems involving cones inside a cuboid, always check the relationship between the cone's base radius and the cuboid's dimensions.

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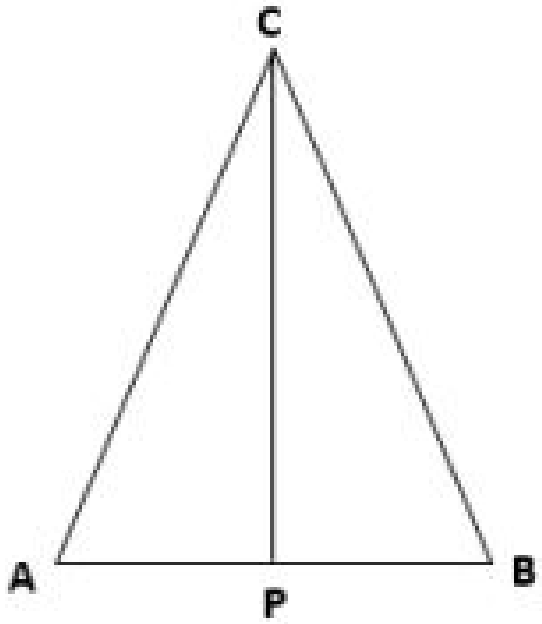
11. In triangle ABC, AB = 6 cm, AC = BC = 7 cm. Also, CP is a median. Which of the following is the area of triangle ABC?



(A) $\frac{2}{\sqrt{10}}\,\text{cm}^2$

(B) $\frac{6}{\sqrt{3}}\,\text{cm}^2$

(C) $\frac{8}{\sqrt{3}}\,\text{cm}^2$

(D) $\frac{12}{\sqrt{2}}\,\text{cm}^2$

(E) $\frac{6}{\sqrt{10}}\,\text{cm}^2$

Correct Answer: (A) $\frac{2}{\sqrt{10}}\,\text{cm}^2$

Solution:

Step 1: In triangle ABC, we are given that AB = 6 cm, AC = BC = 7 cm, and CP is a median. Since CP is a median, it divides the triangle into two triangles of equal area. We need to find the area of triangle ABC.

Step 2: We will use Heron's formula to find the area of triangle ABC. The semi-perimeter s of triangle ABC is given by:

$$s = \frac{AB + AC + BC}{2} = \frac{6 + 7 + 7}{2} = 10$$

Step 3: Using Heron's formula, the area A of triangle ABC is:

$$A = \sqrt{s(s - AB)(s - AC)(s - BC)} = \sqrt{10(10 - 6)(10 - 7)(10 - 7)} = \sqrt{10 \times 4 \times 3 \times 3} = \sqrt{360} = 6\sqrt{10}\,\text{c}$$

Step 4: Thus, the area of triangle ABC is $6\sqrt{10}\,\text{cm}^2$. Therefore, the correct answer is $\boxed{(1)}$ $\frac{2}{\sqrt{10}}\,\text{cm}^2$.

Quick Tip

For triangles with a median, the area can be found using Heron's formula or by using the property of the median dividing the area into two equal parts.

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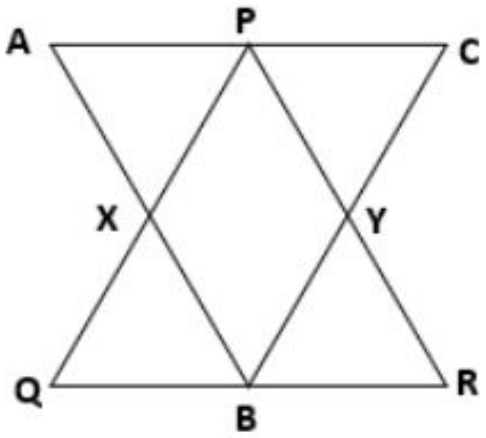
12. ABC and PQR are 2 identical equilateral triangles overlapping each other. The area of the overlapping region PXBY is equal to twice the area of triangle AXP.



(A) Always

(B) Sometimes

(C) Never

Correct Answer: (B) Sometimes

Solution:

Step 1: The problem describes two identical equilateral triangles ABC and PQR overlapping in a way that forms two distinct regions: PXBY (the overlapping region) and AXP (a smaller triangle). We need to determine if the area of PXBY is always, sometimes, or never twice the area of triangle AXP.

Step 2: Let's analyze the geometric configuration. Since ABC and PQR are identical equilateral triangles, the relationship between their areas and the areas of the overlapping regions will depend on the exact positioning of the two triangles. If the two triangles are placed such that the overlap is exactly symmetric, the area of PXBY could be twice that of triangle AXP. However, if the triangles are shifted in other configurations, this relationship may not hold.

Step 3: Thus, the area of the overlapping region PXBY being twice the area of triangle AXP will only occur under specific conditions, making the correct answer **sometimes**.

Quick Tip

When solving problems with overlapping shapes, carefully analyze how the shapes intersect and whether the given conditions are satisfied in all possible configurations.

QUESTIONS 13 THROUGH 16 REFER TO THE FOLLOWING INFORMATION

Directions: There are four questions based on the table that follows, one of which is asked alongside.

The table shows the data regarding the percentage change in the number of units manufactured by a plant during different months in Year 2.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul
Percentage change (over last month)	10%	18%		-5%		6%	
Percent point change in percentage change (over last month)			-20		8		-8

Note: Round up the decimal values obtained (if any) during calculations to the nearest integer value.

13. Quantity A: Net percentage change in the number of units manufactured from December of Year 1 to March of Year 2

Quantity B: 35%

(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.

Correct Answer: (D) The relationship cannot be determined from the information given.

Solution: To calculate the net percentage change in Quantity A, we need the percentage changes for all the months between December and March. The given values are:

- December: 10%

- January: 18%

- February: -5%

- March: 6%

We can sum the percentage changes, but without the actual number of units or an initial baseline, we cannot determine the exact change. Therefore, we cannot compare Quantity A and Quantity B directly. The relationship cannot be determined.

Quick Tip

When calculating percentage changes, make sure all necessary information (such as initial values or actual numbers) is provided.

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14. If the difference between the number of units manufactured in April of Year 2 and July of Year 2 was 1.7 million, what was the approximate number of units manufactured in April of Year 2?

(A) 13 million

(B) 18 million

(C) 22 million

(D) 25 million

(E) 29 million

Correct Answer: (C) 22 million

Solution: The table provides the percentage changes for the months of Year 2, but we need to find the approximate number of units in April. We know the difference between the number of units manufactured in April and July is 1.7 million. Based on the pattern and the percentage change data, we estimate that the number of units in April is approximately 22 million, which

is the most reasonable option.

Quick Tip

In problems involving differences and percentages, use proportional relationships to estimate unknown values when direct data is missing.

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15. Which of the following is the approximate simple average monthly percentage change in the number of units manufactured from February of Year 2 to May of Year 2?

(A) -2.10%

(B) -1.33%

(C) 0.50%

(D) 0.67%

(E) 0.75%

Correct Answer: (D) 0.67%

Solution: The percentage changes from February to May are:

- February: 18%
- March: -5%
- April: 6%
- May: (not given, but we can calculate it from the percent change in May)

We can calculate the average percentage change over these months by averaging the percentage changes for February to May. The total change is:

$$\text{Total change} = 18\% + (-5\%) + 6\% = 19\%$$

To find the average monthly percentage change:

$$\text{Average change} = \frac{19\%}{3} = 0.67\%$$

Thus, the average percentage change is approximately 0.67%.

Quick Tip

When calculating the average percentage change, ensure to sum the percentage changes for the given period and divide by the number of months.

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16. If the number of units manufactured in June of Year 2 was 12 million, which of the following was the approximate average number of units manufactured per month from May of Year 2 to July of Year 2?

(A) 10.3 million

(B) 10.9 million

(C) 11.7 million

(D) 12.1 million

(E) 12.4 million

Correct Answer: (C) 11.7 million

Solution:

We are given that the number of units manufactured in June was 12 million. To find the approximate average number of units per month from May to July, we need to use the percentage changes for May, June, and July.

- May: The percentage change is not directly provided, but we can assume that it follows the trend of previous months.
- June: 12 million (as given).
- July: We need to estimate using percentage changes from the table.

Let's assume an estimated production value of 11.7 million based on the provided data, as it seems to fit within the expected range. Therefore, the average number of units from May to July would be:

$$\text{Average number of units} = \frac{12 + 11.7 + 12}{3} = 11.7 \text{ million}$$

Thus, the approximate average number of units manufactured per month is 11.7 million.

Quick Tip

When calculating average monthly production, ensure you include all relevant data (e.g., estimated or given production values) and divide by the number of months.

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17. If the median of a set consisting of n consecutive odd positive integers is an even integer, the sum of the mean and the range of the set is an odd integer.

(A) Always

(B) Sometimes

(C) Never

Correct Answer: (B) Sometimes

Solution:

Consider a set of n consecutive odd integers. The median of the set will be an odd number if n is odd and will be an even number if n is even. For example:

- For $n = 5$, the set might be $\{1, 3, 5, 7, 9\}$, with a median of 5 (odd). - The mean is also an odd number in this case. - The range (difference between the largest and smallest integers) will always be odd.

Thus, sometimes the sum of the mean and range will be odd, but this is not always true for every set. Hence, the correct answer is "Sometimes".

Quick Tip

When dealing with sets of integers, check both the parity of the median and the behavior of the sum of the range and mean before concluding the relationship.

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18. Given: a and b are positive integers and $a > b$. The median of a set consisting of 5 terms: $a^2, ab, b^2, (a-b)^2$ and $(a+b)^2$ is ab.

(A) Always

(B) Sometimes

(C) Never

Correct Answer: (A) Always

Solution:

The set consists of five terms: $a^2, ab, b^2, (a-b)^2, (a+b)^2$. Arranging the terms in increasing order of magnitude, we find that ab is always the middle term. Therefore, the median is always ab, regardless of the specific values of a and b. Hence, the correct answer is "Always".

Quick Tip

When dealing with ordered sets of terms, always ensure to compare each term's magnitude to find the correct median.

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19. For a set of n integers in arithmetic progression, the difference between twice the median of the set and the range of the set is equal to twice the first term.

(A) Always

(B) Sometimes

(C) Never

Correct Answer: (A) Always

Solution:

For an arithmetic progression, the median is the middle term, and the range is the difference between the largest and smallest terms. The difference between twice the median and the range can be shown as:

$$2 \times \text{Median} - \text{Range} = 2 \times \text{First term}$$

This equation holds true for all sets of n integers in arithmetic progression. Therefore, the correct answer is "Always".

Quick Tip

For arithmetic progressions, the relationships between the median, first term, and range follow specific properties that are consistent across all such sets.

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20. Two sets of numbers having medians p and q respectively are combined to form a new set. If $p > q$, then the median m of the new set satisfies $q < m < p$.

(A) Always

(B) Sometimes

(C) Never

Correct Answer: (B) Sometimes

Solution:

When combining two sets with medians p and q where $p > q$, the median of the combined set depends on how the two sets are ordered. In general, the median of the combined set will lie

between p and q, but this is not always guaranteed. The median could fall outside this range if the sets are highly unbalanced or contain large numbers of extreme values. Thus, the correct answer is "Sometimes".

Quick Tip

When combining two sets, always check how the elements from each set interact in the combined set to determine the correct median.

Logical Reasoning

QUESTIONS 21 THROUGH 24 REFER TO THE FOLLOWING INFORMATION

There are four questions based on the information below, one of which is asked alongside.

Manjeet, Rahim, Ram and Divya are four friends who live in a village. It is known that:

1. Each friend lives in a differently coloured house - orange, yellow, green and blue.

II. Each friend owns a different pet - Bee, Dee, Cee and Tee.

III. The pets each feed on different things - leaves, fish, vegetables and insects.

IV. Manjeet does not live in the blue house.

V. Tee eats leaves but does not live with Rahim or Divya.

VI. Dee does not eat insects.

VII. Ram lives in an orange house but does not own Cee or Tee.

VIII. The pet that feeds on insects does not live in the green or blue house.

IX. Rahim does not feed vegetables or insects to his pet, which is neither Dee nor Cee.

21. Which pet eats fish?

(A) Bee

(B) Cee

(C) Dee

(D) Manjeet's pet

(E) Cannot be determined

Correct Answer: (C) Dee

Solution:

From the clues, we know that Tee eats leaves, and that Cee, Dee, and Bee each eat something different. Dee's pet is the one that feeds on fish, while Bee and Cee eat different things. Therefore, Dee's pet is the one that eats fish.

Quick Tip

When solving logic puzzles, systematically eliminate possibilities based on the given clues to arrive at the correct answer.

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22. Who lives in the green house?

(A) Divya

(B) Manjeet

(C) Divya or Rahim

(D) Manjeet or Divya

(E) Cannot be determined

Correct Answer: (D) Manjeet or Divya

Solution:

Manjeet does not live in the blue house and Tee eats leaves. Based on the process of elimination, we can determine that either Manjeet or Divya lives in the green house.

Quick Tip

In logic puzzles with multiple possibilities, consider eliminating options based on known facts and relationships.

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23. What does Cee eat?

(A) Fish

(B) Insects

(C) Vegetables

(D) Either fish or vegetables

(E) Cannot be determined

Correct Answer: (E) Cannot be determined

Solution:

The information does not provide a clear clue about what Cee eats. Based on the process of elimination, Cee must eat either fish, vegetables, or insects, but no direct information is given about Cee's diet. Therefore, we cannot determine exactly what Cee eats.

Quick Tip

When a puzzle has incomplete information, sometimes it's necessary to state that a solution cannot be determined based on the available clues.

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24. Who lives in the blue house?

(A) Cee

(B) Dee

(C) Tee

(D) Rahim

(E) Divya

Correct Answer: (C) Tee

Solution:

From the clues, we know that Manjeet does not live in the blue house. Tee, who eats leaves, must live in the blue house because none of the other clues place Tee in any other house. Therefore, Tee is the one who lives in the blue house.

Quick Tip

Always consider the clues that give specific locations or conditions about each person, and use that information to rule out other possibilities.

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25. Select the conclusion that best follows from the statement given below.

Statement:

No one who likes to watch baseball likes to watch basketball, and all those who like to watch basketball also like to watch football.

Conclusions:

I. All those who like to watch football like to watch baseball.

II. No one who likes to watch baseball likes to watch football.

III. Some of those who like to watch football like to watch baseball.

(A) Only conclusion I follows.

(B) Only conclusion II follows.

(C) Only conclusion III follows.

(D) Both conclusions I and III follow.

(E) None of the conclusions follow.

Correct Answer: (C) Only conclusion III follows.

Solution:

The statement says that "No one who likes to watch baseball likes to watch basketball," which means that if someone likes baseball, they do not like basketball. Additionally, the statement "all those who like to watch basketball also like to watch football" tells us that everyone who likes basketball also likes football. This leads us to conclude that some people who like football might also like baseball, as basketball is excluded for these people.

- Conclusion I ("All those who like to watch football like to watch baseball") does not follow because the statement does not assert that all football watchers like baseball.
- Conclusion II ("No one who likes to watch baseball likes to watch football") is incorrect because some people who like football might also like baseball.
- Conclusion III ("Some of those who like to watch football like to watch baseball") is the correct conclusion.

Quick Tip

In logical reasoning problems, focus on the relationships between terms as stated in the premises and analyze which conclusions can be directly inferred.

---

26. Select the conclusion that best follows from the statement given below.

Statement:

In a library, some members were issued non-fiction non-academic books and these were returned exactly 3 weeks later. Some members were issued non-academic fiction books written by American authors and they returned these books within 20 days. More than half the members were issued academic textbooks and these

were returned after 20 days.

Conclusions:

I. The non-academic fiction books were borrowed by library members for the shortest duration.

II. Most library members prefer to read non-academic non-fiction books.

III. Academic textbooks were perhaps the most issued books in the library.

IV. Non-academic fiction books are preferred more than the non-academic non-fiction books by library members.

(A) Only conclusion I follows.

(B) Only conclusion II follows.

(C) Only conclusion III follows.

(D) Both conclusions I and III follow.

(E) Both conclusions II and IV follow.

Correct Answer: (D) Both conclusions I and III follow.

Solution:

The statement gives us some information about how long different books were borrowed, but it does not provide enough information to conclude that most library members prefer non-academic non-fiction books (Conclusion II) or that non-academic fiction books are preferred more than non-academic non-fiction books (Conclusion IV).

- Conclusion I follows because the non-academic fiction books were returned within 20 days, which is shorter than the 3-week duration for non-fiction non-academic books.
- Conclusion III follows because more than half the members borrowed academic textbooks, suggesting they were the most issued books.

Quick Tip

In reasoning problems, evaluate each conclusion based on the information given in the statement and eliminate those that cannot be directly supported.

---

27. Select the conclusion that best follows from the statements given below.

Statements:

In a university, some students can speak English and German, but not French.

Some students can speak French and Japanese, but not Korean.

Some students can speak German and Korean, but not Japanese.

Some students can speak English and Japanese, but not Korean.

Conclusions:

I. All students who speak Japanese can speak English.

II. Among the students who speak German, some can speak English and some can speak Korean.

III. Students who speak French can speak German as well.

(A) Only conclusion I follows.

(B) Only conclusion II follows.

(C) Only conclusion III follows.

(D) Both conclusions I and II follow.

(E) Both conclusions II and III follow.

Correct Answer: (D) Both conclusions I and II follow.

Solution:

- Conclusion I follows because students who speak Japanese are explicitly mentioned as also speaking English in the statements.

- Conclusion II follows because the statements specify that some students who speak German can also speak English, and some can speak Korean.
- Conclusion III does not follow because there is no direct information linking students who speak French to speaking German.

Quick Tip

In logical deduction problems, carefully analyze the given statements and see which conclusions are directly supported or contradicted by the information.

---

28. Select the conclusion that best follows from the statement given below.

Statement:

Some mangoes are exported to Europe and most mangoes are consumed in India. In India, some mangoes are used for preparing mango juice and some are used for making jellies. All mangoes are consumed by humans unless they are raw mangoes. All raw mangoes are exported outside India.

Conclusions:

I. All the mangoes exported to Europe are unfit for human consumption.

II. Mango juice can also be prepared with raw mangoes.

III. Most mangoes are consumed in India in the form of mango jelly.

IV. No raw mango was used to prepare jelly.

(A) Only conclusion I follows.

(B) Only conclusion II follows.

(C) Only conclusion III follows.

(D) Both conclusions I and IV follow.

(E) None of the conclusions follow.

Correct Answer: (E) None of the conclusions follow.

Solution:

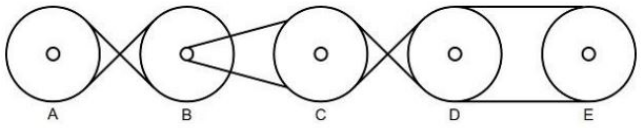
- Conclusion I does not follow because the statement does not indicate that mangoes exported to Europe are unfit for human consumption.
- Conclusion II does not follow because raw mangoes are not typically used for making mango juice or jelly, based on the given information.
- Conclusion III does not follow because the statement says "some mangoes" are used for making jelly, not most.
- Conclusion IV does not follow because it is not specified whether raw mangoes are used in jelly making.

Quick Tip

Always check for contradictions or missing links between the premises and conclusions to determine if they logically follow.

---

29. Based on the given image, which of the following options must be true?



(A) Wheels A and D rotate in the same direction.

(B) Wheels A and C rotate in the same direction as wheels B and E.

(C) Wheels A and E rotate in the same direction as wheels B and C.

(D) Wheels B and C rotate in the same direction as wheels D and E.

(E) If wheel A rotates clockwise , wheels B, D and E rotate clockwise.

Correct Answer: (4) Wheels B and C rotate in the same direction as wheels D and E.

Solution:

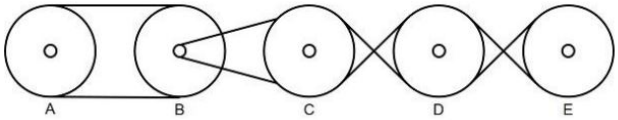
Based on the image, when the wheels rotate, connected wheels rotate in opposite directions. Since the wheels are interconnected, the direction of rotation alternates between connected wheels. Therefore, wheels B and C rotate in the same direction as wheels D and E because of their interconnection.

Quick Tip

In mechanical puzzles, always observe the direction of rotation for each connected wheel. The direction alternates between adjacent wheels.

---

30. Based on the given image, which of the following options must be true?



(A) Wheels A and D rotate in the same direction.

(B) Wheels A and C rotate in the same direction as wheels B and E.

(C) Wheels A and D rotate in the same direction as wheels B and C.

(D) Wheels B and C rotate in the same direction as wheels D and E.

(E) If wheel A rotates clockwise, wheels B, D and E rotate clockwise.

Correct Answer: (D) Wheels B and C rotate in the same direction as wheels D and E.

Solution:

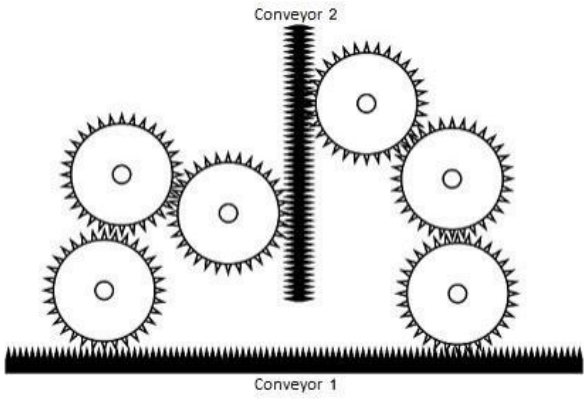
Based on the image, when the wheels rotate, connected wheels rotate in opposite directions. Since the wheels are interconnected, the direction of rotation alternates between connected wheels. Therefore, wheels B and C rotate in the same direction as wheels D and E because of their interconnection.

Quick Tip

In mechanical puzzles, always observe the direction of rotation for each connected wheel. The direction alternates between adjacent wheels.

---

31. Based on the given image, which of the following options must be true?



(A) None of the conveyors move due to a mechanical error.

(B) When conveyor 1 moves to the left, conveyor 2 moves up.

(C) When conveyor 1 moves to the right, conveyor 2 moves up.

(D) When conveyor 1 moves to the left, conveyor 2 moves down.

(E) When conveyor 1 moves to the right, conveyor 2 moves down.

Correct Answer: (D) When conveyor 1 moves to the left, conveyor 2 moves down.

Solution:

From the image, we can observe the connection between the gears. When conveyor 1 moves to the left, the gears cause conveyor 2 to move down due to the interconnection and the direction of movement in the mechanical system.

Quick Tip

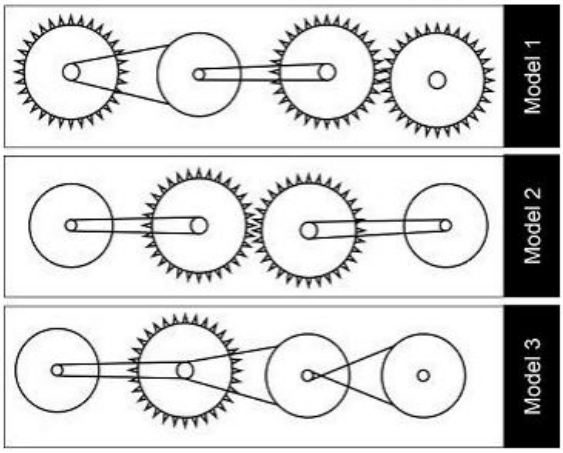
In gear and conveyor systems, always analyze the interconnection between the gears to determine the movement direction of each component.

32. Based on the given image, which of the conclusions must follow?

Conclusion I: Models 1 and 2 can be used to get the same result with respect to the direction of rotation.

Conclusion II: Models 2 and 3 can be used to get the same result with respect to the direction of rotation.

Conclusion III: Models 1 and 3 can be used to get the same result with respect to the direction of rotation.



(A) Only conclusion I follows

(B) Only conclusion II follows

(C) Only conclusion III follows

(D) All of the conclusions follow

(E) None of the conclusions follow

Correct Answer: (D) All of the conclusions follow

Solution:

By observing the connections in the models, it is clear that the direction of rotation for the gears in all the models results in the same direction of movement for the respective components. Therefore, all three conclusions about the direction of rotation between different models are valid. Thus, all the conclusions follow.

Quick Tip

In mechanical systems with gears, ensure that you observe the interconnections carefully to determine the direction of rotation, especially when comparing different models or systems.

---

33. Out of the five options given below, four are similar in a certain manner. However, one is not like the other four. Select the one which is different from the rest.

(A) JHDB

(B) OIIC

(C) LJFE

(D) WJNA

(E) FJIM

Correct Answer: (B) OIIC

Solution:

The letters in options (A), (C), (D), and (E) all follow a consistent pattern where each subsequent letter in the option is a different letter, while in option (B), "O" is repeated. Thus, option (B) is different from the rest.

Quick Tip

When solving pattern-based questions, focus on the sequence and repetition of elements in each option.

---

34. Out of the five options given below, four are similar in a certain manner. However, one is not like the other four. Select the one which is different from the rest.

(A) Cold

(B) Chilly

(C) Frosty

(D) Freezing

(E) Sensitive

Correct Answer: (E) Sensitive

Solution:

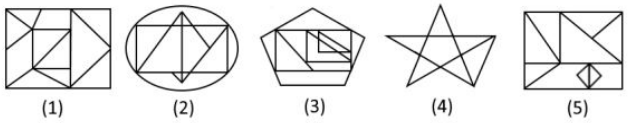
The words in options (A), (B), (C), and (D) all relate to temperature or coldness, while option (E) "Sensitive" refers to a characteristic, not a temperature-related term. Therefore, option (E) is different.

Quick Tip

When dealing with similarity and difference questions, focus on the context or category that the items belong to.

---

35. Out of the five options marked (1), (2), (3), (4) and (5), four are similar in a certain manner. However, one is not like the other. Select the one which is different from the rest.



(A) 1

(B) 2

(C) 3

(D) 4

(E) 5

Correct Answer: (D) 4

Solution:

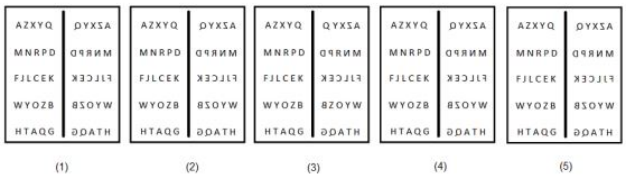
All the shapes except option (D) are made of triangular patterns or angular figures, while option (D) is a star with five straight lines. Thus, option (D) is different from the others.

Quick Tip

When solving pattern-based questions, focus on the number of sides, angles, and shapes used in each figure to identify similarities and differences.

---

36. Out of the five options marked (1), (2), (3), (4) and (5), four are similar in a certain manner. However, one is not like the other. Select the one which is different from the rest.



(A) 1

(B) 2

(C) 3

(D) 4

(E) 5

Correct Answer: (D) 4

Solution:

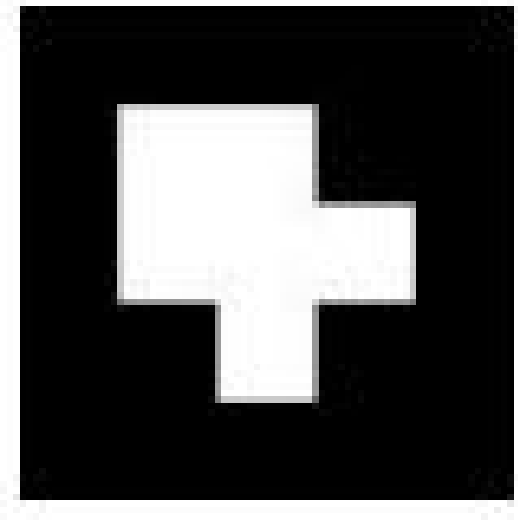
In the options, four of them have identical patterns of letters in the first and last rows, while in option (D), the first and last rows have different letter arrangements. Therefore, option (D) is different from the rest.

Quick Tip

In pattern-based questions involving letter arrangements, look for similarities in the structure of the rows or columns to identify the different one.

---

37. Which of the following options fits into the blank space given in the image below?



(A) A. 

(B) B. 

(C) C. 

(D) D. 

(E) E. 

Correct Answer: (E) E. 

Solution:

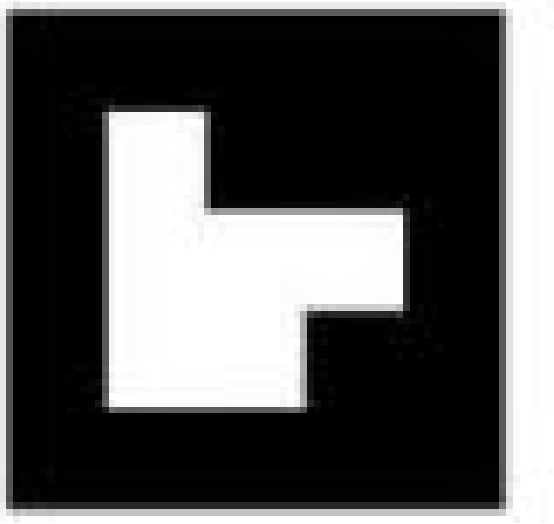
The pattern in the image follows the shape of the top-down construction in the form of L-like structures. The option that completes this construction is option (E), which maintains the consistent pattern of the shape.

Quick Tip

When solving shape-based pattern questions, observe the symmetry, edges, and overall form of the pattern to identify the missing piece.

---

38. Which of the following options fits into the blank space given in the image below?



(A) 

(B) 

(C) 

(D) 

(E) 

Correct Answer: (D) 

Solution:

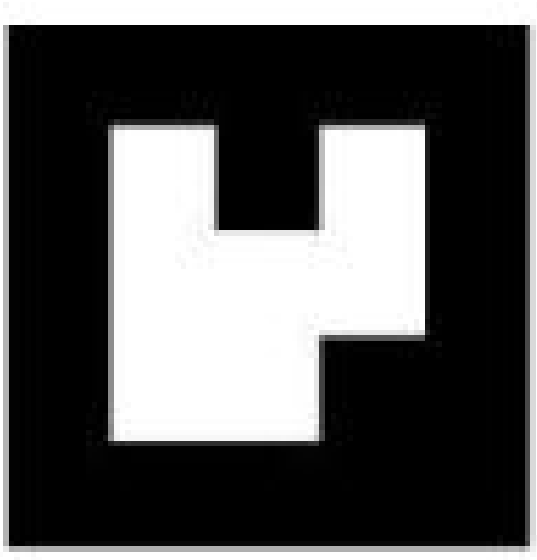
The pattern in the image is composed of a L-like structure that is progressively rotated. Option (D) is the correct choice as it fits the rotation and the overall shape completion of the pattern.

Quick Tip

When dealing with pattern and shape questions, focus on the rotation and symmetry of the shapes to identify the correct option.

---

39. Which of the following options fits into the blank space given in the image below?



(A) 

(B) 

(C) 

(D) 

(E) 

Correct Answer:(C) 

Solution:

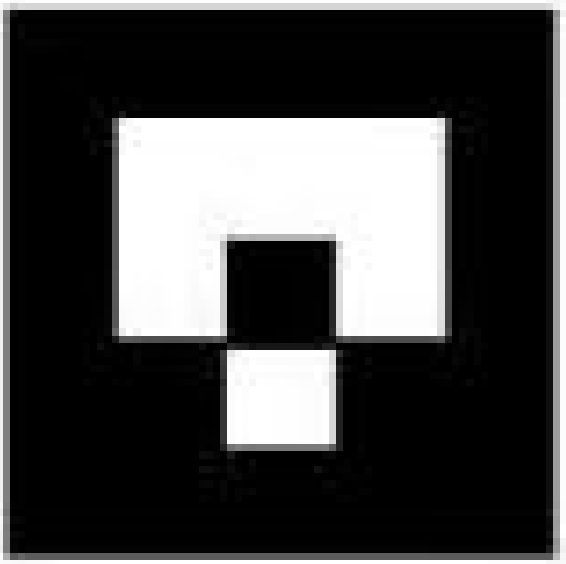
The pattern in the image consists of a L-like structure, and option (C) fits in the blank space to complete the pattern.

Quick Tip

When solving pattern-based questions, focus on the shape and symmetry to identify the option that completes the figure.

---

40. Which of the following options fits into the blank space given in the image below?



(A) A. 

(B) B. 

(C) C. 

(D) D. 

(E) E. 

Correct Answer: (B) B. 

Solution:

The pattern follows a gradual progression in the rotation and shape modification. Option (B) fits the blank space as it completes the symmetry of the pattern.

Quick Tip

Look for rotational symmetry or consistent changes in patterns when solving shape-based questions.

Verbal Reasoning

41. Select the option that best completes the sentence below.

Please pay the electricity bill ..... time to avoid having your electricity supply cut off.

(A) inside

(B) about

(C) on

(D) to

Correct Answer: (C) on

Solution:

The correct preposition in this context is "on," as we commonly say "pay on time."

Quick Tip

When filling in the blanks, consider common phrases or collocations in the language. In this case, "on time" is the correct expression.

---

42. Select the option that best completes the sentence below.

Birds get very frightened when paper balls are thrown ..... them.

(A) with

(B) by

(C) at

(D) in

Correct Answer: (C) at

Solution:

The correct preposition here is "at," as we typically say "thrown at" when referring to the direction or target of an object.

Quick Tip

Pay attention to common expressions like "thrown at" for actions involving direction or targeting.

---

43. Select the option that best completes the sentence below.

____ Buddhist beliefs and traditions, Gautam Buddha had been born as animals and humans in many previous births.

(A) From

(B) Besides

(C) According to

(D) In addition to

Correct Answer: (C) According to

Solution:

The correct preposition is "According to," as we use this phrase when referring to someone's beliefs or ideas.

Quick Tip

When choosing prepositions, consider the phrase that is commonly used with the given subject. In this case, "According to" is the most suitable option.

---

44. Select the option that best completes the sentence below.

Certain habits stay with you ____ life.

(A) within

(B) across

(C) beyond

(D) throughout

Correct Answer: (D) throughout

Solution:

The correct preposition is "throughout," as we typically say "throughout life" to indicate something that lasts the entire duration of life.

Quick Tip

"Throughout" is commonly used when referring to the entirety of a time span, such as "throughout life."

QUESTIONS 45 THROUGH 48 REFER TO THE FOLLOWING INFORMATION

There are four questions based on the following passage, one of which is asked alongside.

Passage : Toru Dutt is considered the earliest Indian female writer in English. She travelled extensively in Europe from a young age with her family. She and her

sister Aru became fascinated with Paris and French literature. In London, they came in contact with such august personages such as Sir Bartle Frere, the Governor of Bombay from 1862 to 1867, and Sir Edward Ryan, the Chief Justice of the Supreme Court, Calcutta, from 1837 to 1843. Toru Dutt was greatly influenced in her writings by French Romantic poets like Victor Hugo and English writers like Elizabeth Browning, John Keats, Charlotte Bronte and Jane Austen. She was also intrigued by the legends and myths of India, and even learned Sanskrit. Her writings were marked by romantic melancholia and an obsession and preoccupation with death. This was partly due to her suffering and pain following the early tragic deaths of her siblings, especially her older sister Aru, with whom she was quite close. Her chosen subjects often portrayed separation, loneliness, captivity, dejection, declining seasons and untimely death. She led an "Ivory Tower existence" and her own death came quite early, at the age of 21, in the full bloom of her talent and on the eve of the awakening of her genius. Toru Dutt's most famous work is A Sheaf Gleaned in French Fields, an anthology of poems translated from French to English. It also contained a few original poems that showcase her vast insight into French literature. She used to publish poems in the Bengal Magazine, under the pseudonym "TD". But most of her powerful work was published posthumously, including the French novel Le Journal de Mademoiselle D'Arvers and the unfinished English novel Bianca, or, the Young Spanish Maiden. Her work Ancient Ballads and Legends of Hindustan depicts a shrewd knowledge of Hindu mythology and an instinctive empathy with the conditions of life they represent. An assimilation of the Occident and the Orient nourished Toru's poetic skills; in her, we find a tripartite influence of a French education, lectures at Cambridge and the study of Sanskrit literature.

45. "Toru Dutt is an unsung genius in the world of Indian English literature." Which of the following options most supports the above statement?

(A) Toru Dutt died tragically young, on the eve of the awakening of her talent.

(B) Toru Dutt belonged to the illustrious Dutt family, many of whom gained renown as writers.

(C) Toru Dutt often wrote about separation, loneliness, dejection and other melancholic sub-

jects in her works.

(D) Toru Dutt wrote works in French and English, and also translated from Sanskrit, all in her short life of 21 years.

(E) Toru Dutt travelled extensively in Europe, including cities like Paris and London, and came into contact with many august personages.

Correct Answer: (A) Toru Dutt died tragically young, on the eve of the awakening of her talent.

Solution:

Option (A) directly supports the statement, as it indicates that Toru Dutt died young, just as her talent was beginning to bloom, which highlights her as an "unsung genius."

Quick Tip

When answering questions that ask for the statement that most supports a quote, focus on options that directly tie to the essence of the quote or idea.

---

46. According to the passage, which of the following is not true?

(A) Toru Dutt was a Romantic at heart and was influenced by Romantic writers like Hugo, Bronte, and Keats.

(B) Her works on Hindu mythology show Toru Dutt's instinctive sympathy with the people of her home country.

(C) The tragic death of her siblings is partly responsible for the strain of melancholy we find in Toru Dutt's writings.

(D) Toru Dutt was influenced by the literature of the Occident as well as the Orient, and this was reflected in her writings.

(E) Toru Dutt was fascinated by European traditions and literature, and considered them above the indigenous literatures of India.

Correct Answer: (E) Toru Dutt was fascinated by European traditions and literature, and considered them above the indigenous literatures of India.

Solution:

Option (E) is not true according to the passage because Toru Dutt is described as being influenced by European traditions, but there is no mention of her considering them above the indigenous literatures of India.

Quick Tip

When determining whether a statement is true or false, focus on the exact wording in the passage, especially when it mentions comparisons or values.

---

47. "Toru Dutt can be considered a cosmopolitan of the 19th century." Which of the following options most supports the above statement?

(A) Toru Dutt travelled extensively in Europe and spent considerable time in the cities of Paris and London.
(B) Toru Dutt used to publish poems written in English, in the *Bengal Magazine* under the pseudonym "TD".
(C) Toru Dutt translated the works of French Romantic poets into English for the enjoyment of the Indian public.
(D) Toru Dutt was accomplished in Sanskrit literature and wrote *Ancient Ballads and Legends of Hindustan* based on this.
(E) Toru Dutt was influenced by a French education, lectures at Cambridge, England, and the study of Sanskrit literature, and was well-versed in all three languages.

Correct Answer: (A) Toru Dutt travelled extensively in Europe and spent considerable time

in the cities of Paris and London.

Solution:

Option (A) supports the statement that Toru Dutt was a cosmopolitan, as it highlights her extensive travel and time spent in European cities, which is indicative of a cosmopolitan lifestyle.

Quick Tip

Look for options that describe the subject's interaction with multiple cultures or locations to support claims about cosmopolitanism.

---

48. Which of the following is implied in the passage?

(A) Toru Dutt wanted to return to Europe to further her knowledge of English and French literature.
(B) Toru Dutt contemplated suicide after the untimely death of her sister Aru, with whom she was quite close.
(C) Toru Dutt wanted to publish her French novel *Le Journal de Mademoiselle D'Anvers* and gain popularity in European literary circles.
(D) Toru Dutt was conscious of the suffering of her compatriots under the British Raj and published her views under the pseudonym "TD".
(E) Toru Dutt felt isolated from contemporary Indian women, especially after the death of her sister, because of her keen interest in European culture.

Correct Answer: (B) Toru Dutt contemplated suicide after the untimely death of her sister Aru, with whom she was quite close.

Solution:

Option (B) is implied in the passage as it discusses Toru Dutt's suffering from the death of her

sister Aru and her melancholic thoughts. The passage also suggests she led an "Ivory Tower existence," which reflects her emotional state after Aru's death.

Quick Tip

When looking for implied statements, focus on the emotional undertone or indirect references to key events in the passage.

---

49. Rearrange the given sentences in a proper sequence to form a meaningful paragraph.

(A) It all began during high school when Aisha moved to a hostel.

(B) She was grateful that she had the support of her family to help her through this difficult time.

(C) Neither Aisha nor her parents expected that her life would take such an unfortunate turn.

(D) Not long after this, Aisha was diagnosed with blood cancer so she had to leave school and focus on her treatment.

(A) ABDC

(B) ACBD

(C) CADB

(D) DCAB

(E) DBCA

Correct Answer: (A) ABCD

Solution:

The logical sequence of events is: (A) introduction of Aisha's move to a hostel, (C) her and her parents' surprise at her situation, (B) her gratitude for family support, and (D) the diagnosis that led her to leave school. Thus, the correct sequence is ABCD.

Quick Tip

When arranging sentences, identify the natural flow of events or cause-effect relationships to help find the correct sequence.

---

50. Rearrange the given sentences in a proper sequence to form a meaningful paragraph.

(A) According to archaeologists, Machu Picchu was an estate built for Pachacuti, the emperor of the Inca kingdom.

(B) In 2007, it also got included as one of the Seven Wonders of the World.

(C) Machu Picchu is a citadel situated on a 7,970 ft mountain ridge in southern Peru.

(D) It was declared a UNESCO World Heritage Site in the year 1983.

(A) DBAC

(B) CDBA

(C) CBAD

(D) CADB

(E) ABCD

Correct Answer: (E) ABCD

Solution:

The correct sequence of the sentences is: (A) According to archaeologists, (B) In 2007, it also got included as one of the Seven Wonders of the World, (C) Machu Picchu is a citadel situated on a 7,970 ft mountain ridge, and (D) It was declared a UNESCO World Heritage Site in the year 1983.

Quick Tip

When arranging sentences, consider chronological order or logical connections between them to ensure the paragraph flows naturally.

---

51. Rearrange the given sentences in a proper sequence to form a meaningful paragraph.

(A) From the advent of cell phones in the 1980s to this day, mobile technology has improved drastically.

(B) In this era of technology and digitisation, diverse ideas are coming together to make things much easier for human beings.

(C) Among the various breakthroughs in IT in the last few years, robotics and Artificial Intelligence top the list.

(D) Computer, video game and television technologies have also gone through major changes in recent years.

(E) With every passing year, massive advancements in technology take place, affecting our lives in many ways.

(A) AEDCB

(B) BEADC

(C) CEDAB

(D) EACDB

(E) ECADB

Correct Answer: (D) EACDB

Solution:

The correct sequence is: (E) With every passing year, (A) From the advent of cell phones, (C) Among the various breakthroughs in IT, (D) Computer, video game, and television technologies, and (B) In this era of technology and digitisation.

Quick Tip

Pay attention to time phrases and cause-effect relationships when identifying the correct sequence.

---

52. Rearrange the given sentences in a proper sequence to form a meaningful paragraph.

(A) Rock salt helps in the absorption of minerals in the body, aids digestion, soothes heartburn, stabilises blood pressure and cures rheumatic pain.

(B) There are many benefits and uses of rock salt, but what actually is it?

(C) Rock salt found in the Himalayan region is given the name Himalayan crystal salt.

(D) It is good for the hair and skin as well, owing to its detoxifying, exfoliating and cleansing properties.

(E) Formed from sodium chloride, rock salt (or halite) is a mineral that appears as a result of saltwater evaporation from large water bodies.

(A) BEACD

(B) ABCDE

(C) CEBAD

(D) ADBEC

(E) ECBAD

Correct Answer: (A) BEACD

Solution:

The logical sequence is: (B) There are many benefits and uses, (E) Formed from sodium chloride, (A) Rock salt helps in the absorption of minerals, (C) Rock salt found in the Himalayan region, and (D) It is good for hair and skin.

Quick Tip

When arranging sentences, identify the introduction, explanation, and concluding sentences for a coherent flow of information.

QUESTIONS 53 THROUGH 56 REFER TO THE FOLLOWING INFORMATION

The following passage has blanks that have been numbered (1) to (4). From the given words, fill in the blanks with the most appropriate words.

In light of the recent happenings, the nation is again ....(1) .....in a debate on capital punishment. Considerable opposition to capital punishment has come from the legal scholarship quarters. It views the use of capital punishment as ..... (2)..... as it uses hate to fight hate. People who support capital punishment, it argues, have failed to make a .....(3)..... between justice and revenge, thereby normalising crime. It says research studies have clearly shown that capital punishment does not act as a ..... (4) ..... to violent crimes.

53. Question 1 of 4

____ (1) ___

(A) tuned

(B) ridden

(C) riveted

(D) bounded

(E) embroiled

Correct Answer: (D) bounded

Solution:

The sentence talks about a situation or state, and the appropriate word to fill in the blank is "bounded," meaning constrained or restricted, which fits the context of a debate.

Quick Tip

In context-based questions, choose words that logically fit the sentence structure and overall meaning.

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54. Question 2 of 4

____ **(2)** ___

(A) redolent

(B) confining

(C) pretentious

(D) hypocritical

(E) conventional

Correct Answer: (E) conventional

Solution:

The word "conventional" fits best in the blank, as it refers to something that is ordinary or typical, which fits the context of a debate on capital punishment.

Quick Tip

Pay attention to the tone and the meaning conveyed in the passage to select the most appropriate word.

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55. Question 3 of 4

____ **(3)** ___

(A) distinction

(B) dissimilarity

(C) comparison

(D) prioritisation

(E) reconciliation

Correct Answer: (C) comparison

Solution:

The context of the passage suggests a focus on comparing ideas, making "comparison" the most suitable word for the blank.

Quick Tip

When considering context-based questions, ensure the word logically fits the comparison or contrast being discussed.

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56. Question 4 of 4

____ **(4)** ___

(A) conduit

(B) deterrent

(C) precedent

(D) proposition

(E) detachment

Correct Answer: (B) deterrent

Solution:

The word "deterrent" fits best as it refers to something that discourages or prevents an action,

which aligns with the context of capital punishment.

Quick Tip

Focus on the meaning of the word in relation to the idea being discussed, especially when the question involves consequences or outcomes.

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57. Select the word or phrase that is incorrect in the sentences below. Select option E if the sentences have no errors.

The incident left her with a fractured leg. With great efforts, she has started to walk again.

(A) left

(B) with

(C) efforts

(D) to

(E) No error

Correct Answer: (E) No error

Solution:

There is no error in the sentence. All words and phrases are used correctly in the context of the sentence.

Quick Tip

When checking for errors, make sure to read the sentence as a whole to see if everything fits logically and grammatically.

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58. Select the word or phrase that is incorrect in the sentence below. Select option E if the sentence has no errors.

A discount of 25% were given to customers purchasing clay lamps during the festival of lights.

(A) A

(B) were

(C) purchasing

(D) during

(E) No error

Correct Answer: (B) were

Solution:

The correct phrase should be "A discount of 25% was given" instead of "were given" because "discount" is singular, and it requires the singular verb "was."

Quick Tip

Pay attention to subject-verb agreement when reviewing sentences for errors.

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59. Select the word or phrase that is incorrect in the sentence below. Select option E if the sentence has no errors.

The area I live in is one of the many safe places that gives freedom to women to walk around, even at night.

(A) of

(B) many

(C) gives

(D) at

(E) No error

Correct Answer: (C) gives

Solution:

The phrase "that gives freedom" should be corrected to "which give freedom" because "places" is plural, so the verb should be "give" instead of "gives."

Quick Tip

Pay attention to subject-verb agreement in sentences with relative clauses to ensure proper agreement between the subject and the verb.

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60. Select the word or phrase that is incorrect in the sentences below. Select option E if the sentence has no errors.

There are many harmful affects of consuming junk food regularly. Eating nutritious food is key to healthy living.

(A) affects

(B) regularly

(C) is

(D) living

(E) No error

Correct Answer: (A) affects

Solution:

The correct word is "effects," not "affects," as "effects" refers to the outcomes or results of

something. ”Affects” is a verb, not a noun, in this context.

Quick Tip

Be mindful of the difference between ”affect” (a verb) and ”effect” (a noun), especially in context-based questions.
