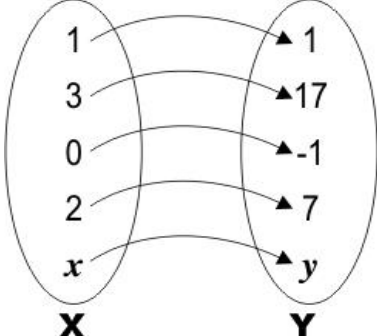
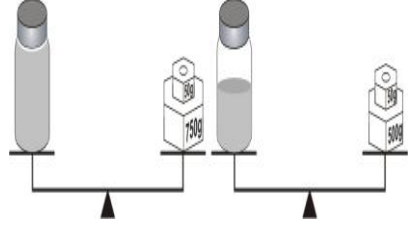


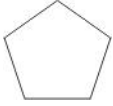
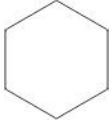


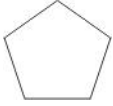
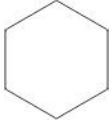


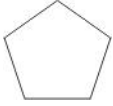
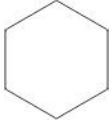


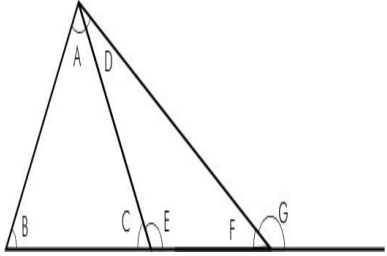
Set-5

Q. N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)				
1	19_269 Mathematics 2735	Linear equations in one variables	50% of 25% of a number p is equal to		C				
						AnswerOptions			
						Option A	Option B	Option C	Option D
			half of p	one-fourth of p	one-eighth of p	three-fourth of p			
2	27_270 Mathematics 8396	Linear equations in one variables	What should be added to the product of x and 2 to get x?		A				
						AnswerOptions			
						Option A	Option B	Option C	Option D
			-x	$x^2 + x$	2x	$x - x^2$			
3	26_270 Mathematics 1701	Linear equations in one variables	How many consecutive odd numbers starting from 1, have to be added to get 64?		D				
						AnswerOptions			
						Option A	Option B	Option C	Option D
			five	six	seven	eight			

4	26_270 Mathematics 1694	Linear equations in one variables	If $x + 5$ is a number that is completely divisible by 13, which of those numbers will be completely divisible by 26?		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">AnswerOptions</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>$x+26$</td> <td>$2x+36$</td> <td>$2x+5$</td> <td>$2x+13$</td> </tr> </tbody> </table>						AnswerOptions				Option A	Option B	Option C	Option D	$x+26$	$2x+36$	$2x+5$	$2x+13$
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Option A	Option B	Option C	Option D														
$x+26$	$2x+36$	$2x+5$	$2x+13$														
5	19_269 Mathematics 2741	Linear equations in one variables	If $p / 2 = 4$ and $2 - q = 4$, what is the value of $2p + q$?		B												
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12	14	18	22														
6	19_269 Mathematics 2739	Linear equations in one variables	Urmil looked at his watch and said, The number of hours that are left today is exactly one-seventh of the number of hours that have already passed. What time was Urmil's watch showing?"		D												
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7	27_270 Mathematics 8409	Linear equations in two variables	There is a certain relation between the corresponding members of X and Y in the following figure. Which of the following equations describes the relation correctly?		D												

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8	19_269 Mathematics 2734	Linear equations in two variables	For which of these values of x and y is $2x - 3y = 3x - 2y$?		A																														
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9	5_26 1691	Linear Equation	<p>If the relationship between z and y is that $z = 3 + y$, then what number should appear in cell C2?</p> <p>Study the paragraph and spreadsheet given below to answer the question.</p> <p>While working on a spreadsheet, Praveen gives the heading x^x to column A and enters some values under it. In the corresponding cells of column B, he enters a formula and gets these values:</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>x</td> <td>y</td> <td>z</td> <td></td> </tr> <tr> <td>2</td> <td>2</td> <td>-1</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>-3</td> <td>-11</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>5</td> <td>5</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>0</td> <td>-5</td> <td></td> <td></td> </tr> </tbody> </table>		A	B	C	D	1	x	y	z		2	2	-1			3	-3	-11			4	5	5			5	0	-5			B
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10	19_269 Mathematics 2756	Linear equations in two variables	Ratnam hired a car from a car renting agency which charges a flat amount of Rs x for travelling up to 40 kilometres and Rs. y per km for every kilometre travelled thereafter. How much should Ratnam pay		A																														

			the agency for a journey of 50 kilometres?		
AnswerOptions					
Option A		Option B		Option C	
Rs (x + 10y)		Rs 50(x + y)		Rs (40 x + y)	
Option D					
Rs 50xy					
11	19_269 Mathematics 2757	Linear equations in two variables	The weight of a bottle of jam when it is FULL and when it is HALF full is shown below. What is the weight of the empty bottle?		C
AnswerOptions					
Option A		Option B		Option C	
1/2 kg		350 g		300 g	
Option D					
250 g					
12	19_269 Mathematics 2759	Linear equations in two variables	A train runs once a week from Delhi to Mumbai and back. It started from Delhi at 9 PM on 16th May, and returned after completing the to and fro journey in a total of 52 hours. What was the date and time when the train returned to Delhi after its journey?		D
AnswerOptions					
Option A		Option B		Option C	
18th May, 1 PM		18th May, 1 AM		19th May, 9 PM	
Option D					
19th May, 1 AM					
13	26_270 Mathematics 1674	Linear equations in two variables	In the simplified form of which of these expressions will there be no xy term?		D

		<table border="1" style="width: 100%; text-align: center;"> <tr><th colspan="4">AnswerOptions</th></tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>$(3x - 4y)^2$</td> <td>$(3x)(4y)$</td> <td>$3x + 4y(3x - 4y)$</td> <td>$(3x - 4y)(4y + 3x)$</td> </tr> </table>				AnswerOptions				Option A	Option B	Option C	Option D	$(3x - 4y)^2$	$(3x)(4y)$	$3x + 4y(3x - 4y)$	$(3x - 4y)(4y + 3x)$
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14	2_11 Mathematics 5262	Understanding Quadrilateral	Which of the following will have 20 diagonals if the number of diagonals of an 'n' sided polygon is $\frac{n(n-3)}{2}$?		D												
		<table border="1" style="width: 100%; text-align: center;"> <tr><th colspan="4">AnswerOptions</th></tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>				AnswerOptions				Option A	Option B	Option C	Option D				
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15	2_11 Mathematics 5271	Understanding Quadrilateral	In the above figure, which of these will NOT equal 180° ?		D												
		<table border="1" style="width: 100%; text-align: center;"> <tr><th colspan="4">AnswerOptions</th></tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>$\angle A + \angle B + \angle C$</td> <td>$\angle F + \angle G$</td> <td>$\angle A + \angle B + \angle D + \angle F$</td> <td>$\angle A + \angle B + \angle E$</td> </tr> </table>				AnswerOptions				Option A	Option B	Option C	Option D	$\angle A + \angle B + \angle C$	$\angle F + \angle G$	$\angle A + \angle B + \angle D + \angle F$	$\angle A + \angle B + \angle E$
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