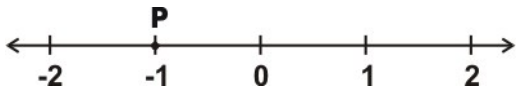
<table>
<tr><th>S.N</th><th>Folder Number & Question Code</th><th>Topic</th><th>Question with Answer Options</th><th>Image (If Any)</th><th>Correct Answer (Option-A,B,C,D)</th></tr>
<tr><td>1</td><td rowspan="2">1_2 Mathematics 6895</td><td>RATIONAL NUMBERS</td><td>Which is the largest negative integer having 4 digits?</td><td></td><td>A</td></tr>
<tr><td colspan="5"><table><tr><th colspan="4">Answers option</th></tr><tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr><tr><td>-1000</td><td>-9999</td><td>-1023</td><td>-1111</td></tr></table></td></tr>
<tr><td>2</td><td rowspan="2">1_2 Mathematics 6927</td><td>RATIONAL NUMBERS</td><td>x and y are two rational numbers. If x + y < 5 and 3 < x < 5 ,which of the following values can y have</td><td></td><td>C</td></tr>
<tr><td colspan="5"><table><tr><th colspan="4">Answers option</th></tr><tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr><tr><td>$^{8}/_{3}$</td><td>2</td><td>0</td><td>3</td></tr></table></td></tr>
<tr><td>3</td><td rowspan="2">2_11 Mathematics 4420</td><td>RATIONAL NUMBERS</td><td>(-7) - ? = 14</td><td></td><td>D</td></tr>
<tr><td colspan="5"><table><tr><th colspan="4">Answers option</th></tr><tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr><tr><td>-7</td><td>7</td><td>21</td><td>-21</td></tr></table></td></tr>
</table>

<table>
<tr><td>4</td><td>2_11
Mathematics
4422</td><td>RATIONAL NUMBERS</td><td>A number line is shown below with a point P marked on it:

Which of the following points will be the furthest from P when marked on the number line?</td><td> 
</td><td>D</td></tr>
<tr><td colspan="5"><table>
<tr><th colspan="4">Answers option</th></tr>
<tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr>
<tr><td>$-\frac{1}{5}$</td><td>$\frac{1}{4}$</td><td>$-\frac{8}{7}$</td><td>$-\frac{7}{3}$</td></tr>
</table></td></tr>
<tr><td>5</td><td>2_11
Mathematics
5279</td><td>RATIONAL NUMBERS</td><td>Which of the following lists has numbers arranged in INCREASING order?</td><td></td><td>D</td></tr>
<tr><td colspan="5"><table>
<tr><th colspan="4">Answers option</th></tr>
<tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr>
<tr><td>$-\frac{1}{8}, -\frac{1}{7}, \frac{1}{7}, \frac{1}{8}$</td><td>$-\frac{1}{7}, -\frac{1}{8}, \frac{1}{7}, \frac{1}{8}$</td><td>$-\frac{1}{8}, -\frac{1}{7}, \frac{1}{8}, \frac{1}{7}$</td><td>$-\frac{1}{7}, -\frac{1}{8}, \frac{1}{8}, \frac{1}{7}$</td></tr>
</table></td></tr>
<tr><td>6</td><td>2_11
Mathematics
5280</td><td>RATIONAL NUMBERS</td><td>9.03 ÷ 899.8 is closest to</td><td></td><td>A</td></tr>
</table>

		Answers option			
		Option A	Option B	Option C	Option D
		0.01	0.001	1	100
7	**2_11 Mathematics 5284**	RATIONAL NUMBERS	What is 7799 ÷ 19?		D
		Answers option			
		Option A	Option B	Option C	Option D
		Quotient = 41, Remainder = 0	Quotient = 41, Remainder = 9	Quotient = 41.4, Remainder = 14	Quotient = 410, Remainder = 9
8	**2_11 Mathematics 4436**	RATIONAL NUMBERS	(As you know, $\frac{1}{3}$, 0.5, 0 and -10 are examples of rational numbers.).... Which is the SMALLEST POSITIVE rational number?		D
		Answers option			
		Option A	Option B	Option C	Option D
		0	0.1	1	There is no such number.
9	**2_11 Mathematics 4442**	RATIONAL NUMBERS	x and y are two numbers such that $0 < x < 1$ and $1 < y < 2$. Which of the following COULD be an integer?		A

<table>
<tr><td></td><td></td><td>
<table>
<tr><th colspan="4">Answers option</th></tr>
<tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr>
<tr><td>x + y</td><td>y - 1</td><td>x + 2</td><td>Y</td></tr>
</table>
</td></tr>
<tr><td>10</td><td>2_11
Mathematics
5256</td><td>
<table>
<tr><td>RATIONAL NUMBERS</td><td>0, 1, 2, 3, 4... are called Whole Numbers.
x and y are two numbers which satisfy ALL these conditions:
(x + y) is a whole number,
(x - y) is not a whole number and xy is not a whole number

Which of the following COULD BE values of x and y?</td><td></td><td>C</td></tr>
</table>
<table>
<tr><th colspan="4">Answers option</th></tr>
<tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr>
<tr><td>x = 3, y = 2</td><td>x = 6, y = 8</td><td>x = 4.6, y = 6.4</td><td>x = 1.3, y = 6.3</td></tr>
</table>
</td></tr>
<tr><td>11</td><td>2_11
Mathematics
5258</td><td>
<table>
<tr><td>RATIONAL NUMBERS</td><td>The sum of two numbers is -6.5 and their difference is 4.5. What are the numbers?</td><td></td><td>C</td></tr>
</table>
<table>
<tr><th colspan="4">Answers option</th></tr>
<tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr>
<tr><td>-1.25 and -5.25</td><td>1.25 and -5.25</td><td>-1 and -5.5</td><td>1 and -7.5</td></tr>
</table>
</td></tr>
</table>

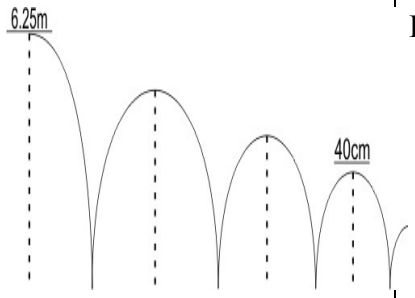
12	**5_26 1669**	Rational numbers	For what numbers N will the statement N/4 < 23 be true?		D

Answer Options			
Option A	Option B	Option C	Option D
All numbers	All numbers greater than 5	All numbers greater than 91	All numbers less than 92

13	**2_11 MATHEMATICS 4485**	Comparing Quantities	Look at this tube of Glow Face cream being sold under a special offer: How many grams of cream does the tube contain?		D

Answer Options			
Option A	Option B	Option C	Option D
30	37.5	120	150

14	**2_11 MATHEMATICS 5310**	Comparing Quantities	Anjana has 4 pencils in her box. Their average length is 10 cm. Which of the following is NOT POSSIBLE?		B

			Answer Options				
			Option A	Option B	Option C	Option D	
			The shortest pencil in the box is 2 cm long.	The longest pencil in the box is 8 cm long.	Two of the pencils are 10 cm each.	All the pencils are of the same length.	
15	**2_11 MATHEMATICS 5326**	Comparing Quantities	Ayub drops a ball from a height of 6.25 metres to the flat ground below. After the third bounce, the ball rises to a height of 40 cm. The height to which the ball rises after each bounce is the SAME FRACTION of the height reached on its PREVIOUS BOUNCE. What is the fraction?				B
			Answer Options				
			Option A	Option B	Option C	Option D	
			$\frac{1}{2}$	$\frac{2}{5}$	$\frac{5}{8}$	$\frac{39}{125}$	