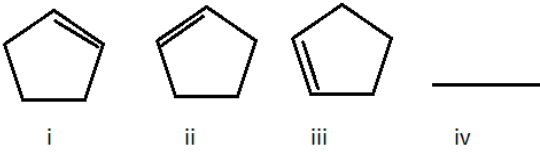

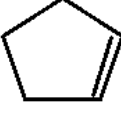

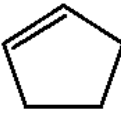
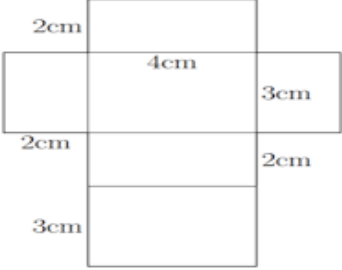


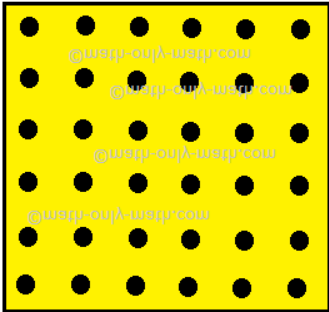
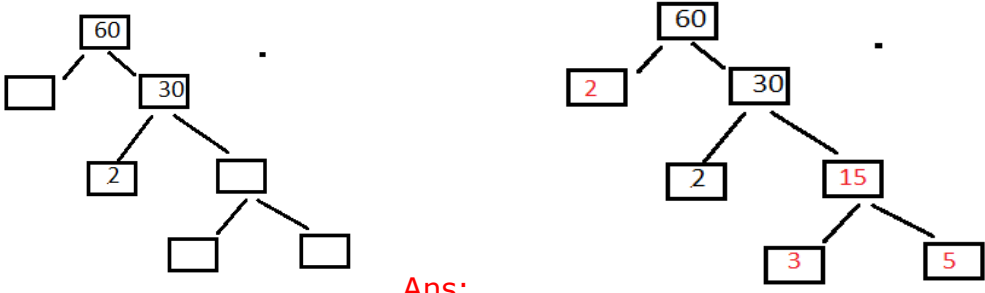


Name :.....

Roll No:.....

Q.No:	Questions	Mark
Section A		
I	Choose the correct answer from the options.	
1)	<p style="text-align: center;"></p> <p style="text-align: center;">i ii iii iv</p> <p>In the above pattern which figure will come next?</p> <p>a)  b) </p> <p>c)  d) </p> <p style="text-align: right; color: red;">Answer : c</p>	1
2)	<p>A number greater than 1 which has exactly two factors is called a</p> <p>a) square b)triangular</p> <p>c) composite d) Prime Answer : d</p>	1

3)	<p>The figure given below is the net of a 3- D shape .Whose net is given here ?</p>  <p>a) Cube b) cuboid c) right circular cone d) Pyramid</p> <p style="text-align: right; color: red;">Answer : b</p>	1										
II	Write the following sentences as TRUE or FALSE :											
4)	<p>The number 1 is neither a prime number nor a composite number :</p> <p style="color: red;">Answer : TRUE</p>	1										
5)	<p>22 is a square number :</p> <p style="color: red;">Answer : FALSE</p>	1										
III	Match the following:											
	<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: center; border: none;"><u>COLUMN A</u></th> <th style="text-align: center; border: none;"><u>COLUMN B</u></th> </tr> </thead> <tbody> <tr> <td style="border: none;">6) The common factor of 2 and 11 is</td> <td style="border: none; color: red;">c) 1</td> </tr> <tr> <td style="border: none;">7) 16 is a</td> <td style="border: none; color: red;">d) square number</td> </tr> <tr> <td style="border: none;">8) sixth multiple of 3 is</td> <td style="border: none; color: red;">b) 18</td> </tr> <tr> <td style="border: none;">9) 6 is</td> <td style="border: none; color: red;">a)triangular number</td> </tr> </tbody> </table>	<u>COLUMN A</u>	<u>COLUMN B</u>	6) The common factor of 2 and 11 is	c) 1	7) 16 is a	d) square number	8) sixth multiple of 3 is	b) 18	9) 6 is	a)triangular number	4
<u>COLUMN A</u>	<u>COLUMN B</u>											
6) The common factor of 2 and 11 is	c) 1											
7) 16 is a	d) square number											
8) sixth multiple of 3 is	b) 18											
9) 6 is	a)triangular number											
IV	Fill in the blanks:											
10)	<p>Complete the pattern : 1,4,9,,</p> <p style="color: red;">Ans: 16 , 25</p>	1										
V	<u>SECTION B</u> Answer the following questions.											
11	<p>Write down all the factors of 24 .</p> <p style="color: red;">Ans: The factors of 24 are 1,2,3,4,6,8,12 and 24</p>	1										

<p>12</p>	<p>Find the Common factors and hence "The Highest Common Factor " of the numbers 16 and 24.</p> <p>Ans: Factors of 16 are 1,2,4,8,16 Factors of 24 are 1,2,3,4,6,8,12,24</p> <p>Common factors of 16 and 24 = 1,2,4, 8 The Highest Common factor of 16 and 24 = 8</p>	<p>1</p>
<p>13)</p>	<p>Draw dots to show square numbers : 6x6</p>  <p>Ans:</p>	<p>1</p>
<p>14)</p>	<p>Kanchana walks 30 steps in a minute and Renu walks 40 steps in a minutes. If they start to walk together at the same time with the same speed, in how many steps will they meet each other for the first time.</p> <p>Ans: Multiples of 30 are 30, 60, 90, 120,150,180,210 ,240,270... Multiples of 40 are 40, 80, 120,160,200 ,240,280... Common multiples of 30 and 40 are 120, 240,</p> <p>Least Common multiple of 30 and 40 = 120</p> <p>So in their 120th step they will meet each other for the first time.</p>	<p>2</p>
<p>15)</p>	<p>Complete the factor tree of 60.</p>  <p>Ans:</p>	<p>2</p>

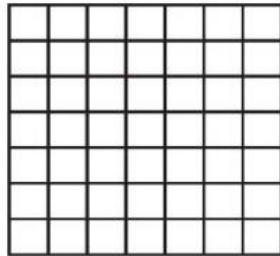
16)

(Do any one of the following questions)

3

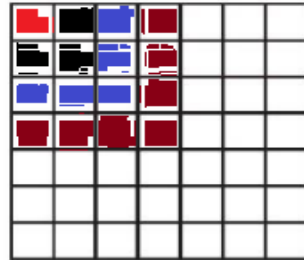
Shade the squares to show the following pattern and fill up the blank spaces.

a. $1 + 3 + 5 + \underline{\quad}$
 $= \underline{\quad}$



$\underline{\quad}$ is a square number.

$1 + 3 + 5 + \underline{7}$
 $= \underline{16}$



$\underline{16}$ is a square number.

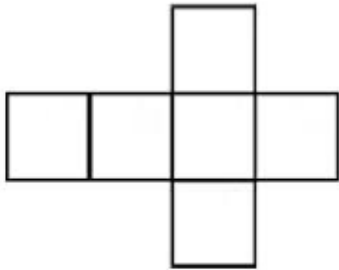
Ans:

OR

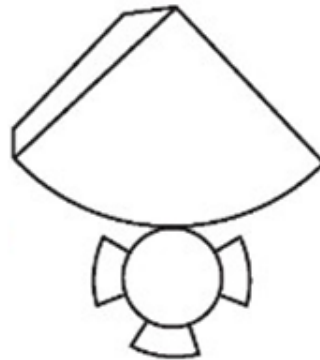
- b) Draw the nets of :
 i) cube

- ii) Right circular cone

Ans:



i) net of cube



ii) net of right circular cone