

CONCURSUL NAȚIONAL DE MATEMATICĂ VALERIU ALACI,
Ediția a V-a, 2019, Faza Finală

Secțiunea MATEMATICĂ - INFORMATICĂ	Clasa a XI-a
Numele _____	Prenumele _____
Școala _____	Localitatea _____
Semnătura _____	Punctaj _____

1.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">a</td><td style="text-align: center;">b</td><td style="text-align: center;">c</td><td style="text-align: center;">d</td><td style="text-align: center;">e</td><td style="text-align: center;">f</td><td style="text-align: center;">Nu știu</td> </tr> <tr> <td style="background-color: #cccccc; width: 20px; height: 15px;"></td><td style="background-color: #cccccc; width: 20px; height: 15px;"></td><td style="background-color: #cccccc; width: 20px; height: 15px;"></td><td style="background-color: #cccccc; width: 20px; height: 15px;"></td><td style="background-color: #cccccc; width: 20px; height: 15px;"></td><td style="background-color: #cccccc; width: 20px; height: 15px;"></td><td style="width: 20px; height: 15px;"></td> </tr> </table>	a	b	c	d	e	f	Nu știu								(10pt)
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7.		$\sqrt{2}$	(10pt)													
8.		16	(10pt)													
9.		$e^{-1} = \frac{1}{e}$	(10pt)													
10.		0	(10pt)													
11.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50px; height: 40px; vertical-align: top;">a)</td> <td style="width: 100px; height: 40px;"></td> </tr> <tr> <td style="width: 50px; height: 40px; vertical-align: top;">b)</td> <td style="width: 100px; height: 40px;"></td> </tr> </table>	a)		b)		$p = 6, q = -1$ (3pt)	$+\infty$ (7pt)									
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b)																
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b)																