

# Science Olympiad — 2024 Science Olympiad National Codebusters Division B

Names of participants: (Please print neatly)


School Name: \_\_\_\_\_ Team Number: \_\_\_\_\_

**Warning:** Do not open this packet until given permission to do so.

**Note:** There are useful notes after this page.

**Scoring:** Time to solve first problem: \_\_\_\_\_ (use to calculate Bonus below)

Question	Value	Incorrect letters	Deduction	Score
Timed	200			
1	184			
<b>Timed Bonus</b>	<b>Timed:</b>			
<b>Final Score</b>				





1) **[184 points]** The following quote by Jane Smiley has been encoded with the Porta Cipher using a very common word for the key. The 27th through 31st cipher characters (**VACTF**) decode to be **ANNAT**

X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

