



Item Response Distribution
State Results for Released Items
Science
Grade 10

Number of Students: 41984 (S1), 41942 (S2)**

Test Date: March 2010

Open-ended Items	Item	% At Each Score Point				
		0	1	2	3	Omit
Acid Rain Investigation		10	18	35	34	3
Antifreeze Gene for Agricultural Crops		5	12	37	43	3
Polymer Investigation		14	24	34	22	6

Multiple-choice Items	Item	% Selecting Each Option				
		A	B	C	D	Omit
	1 (S2)	8	13	15	62*	1
	2 (S2)	9	84*	4	2	1
	3 (S1)	9	77*	9	4	1
	4 (S1)	18	10	8	63*	1
	5 (S2)	2	14	77*	6	1
	6 (S2)	1	5	28	65*	1
	7 (S2)	3	7	23	66*	1
	8 (S1)	6	7	75*	10	2
	9 (S1)	8	23	42*	27	1
	10 (S2)	19	12	61*	8	1
	11 (S2)	9	77*	10	3	1

* Indicates Correct Option

S1 = Test Session 1, Form HS17

S2 = Test Session 2, Form HS17

** The number of students may vary between test sessions since some students completed an alternate/breach form of the test session.