



**OHIO GRADUATION TESTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2005**

GRADE: 10

READING																		
Multiple Choice Items			Percent Responding						Percent Correct									
Item	Std.	Bmk.	**	(A)	(B)	(C)	(D)	Item	School	District	State							
01	IT	A	00	12	16	57*	15	01	N/A	N/A	57							
02	IT	B	00	09	07	81*	03	02	N/A	N/A	81							
03	RP	A	00	04	08	77*	11	03	N/A	N/A	77							
04	IT	B	00	62*	13	09	15	04	N/A	N/A	62							
05	AV	A	00	04	07	71*	18	05	N/A	N/A	71							
07	AV	C	00	54*	12	10	24	07	N/A	N/A	54							
08	RP	A	00	88*	06	03	03	08	N/A	N/A	88							
09	LT	A	00	94*	01	02	02	09	N/A	N/A	94							
10	AV	A	00	78*	07	12	03	10	N/A	N/A	78							
11	LT	A	00	67*	14	12	07	11	N/A	N/A	67							
13	RP	A	00	91*	04	04	01	13	N/A	N/A	91							
14	LT	F	00	04	05	83*	08	14	N/A	N/A	83							
15	IT	D	00	75*	17	03	05	15	N/A	N/A	75							
16	AV	A	00	35	13	48*	04	16	N/A	N/A	48							
17	IT	A	00	14	74*	11	01	17	N/A	N/A	74							
19	IT	D	00	06	19	67*	07	19	N/A	N/A	67							
20	IT	B	00	04	85*	07	04	20	N/A	N/A	85							
21	RP	B	00	03	52*	14	30	21	N/A	N/A	52							
22	IT	D	00	63*	32	03	02	22	N/A	N/A	63							
<b>Field Test Items 23 through 28</b>																		
29	AV	E	00	06	27	43*	23	29	N/A	N/A	43							
31	IT	A	00	52*	16	20	11	31	N/A	N/A	52							
32	IT	B	01	51*	11	19	18	32	N/A	N/A	51							
33	RP	B	01	68*	13	07	13	33	N/A	N/A	68							
34	IT	D	01	58*	27	07	08	34	N/A	N/A	58							
35	RP	B	01	76*	06	09	08	35	N/A	N/A	76							
37	IT	D	01	07	53*	15	24	37	N/A	N/A	53							
38	AV	A	01	21	05	62*	12	38	N/A	N/A	62							
39	LT	F	01	02	02	20	76*	39	N/A	N/A	76							
40	RP	B	01	06	04	82*	06	40	N/A	N/A	82							
41	LT	C	01	18	55*	16	09	41	N/A	N/A	55							
43	LT	F	01	70*	06	08	15	43	N/A	N/A	70							
44	RP	B	01	90*	02	03	04	44	N/A	N/A	90							
<b>Short Answer Items</b>																		
Item	Std.	Bmk.	**	Percent at Each Score Point					Item	School	District	State						
				(0.0)	(0.5)	(1.0)	(1.5)	(2.0)										
06	RP	A	02	06	02	14	09	66	06	N/A	N/A	1.62						
18	RP	A	02	06	04	25	13	50	18	N/A	N/A	1.46						
30	AV	D	06	10	08	15	20	40	30	N/A	N/A	1.29						
42	LT	F	04	03	03	17	23	50	42	N/A	N/A	1.53						
<b>Extended Response Items</b>																		
Item	Std.	Bmk.	**	Percent at Each Score Point								Item	School	District	State			
				(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	(2.5)	(3.0)	(3.5)	(4.0)						
12	LT	C	04	28	01	02	00	03	02	16	09	34	12	N/A	N/A	2.29		
36	IT	A	04	10	05	12	03	08	03	12	07	37	36	N/A	N/A	2.51		
<b>Total Students Tested</b>				<b>134697</b>												<b>134697</b>		

**Legend**

Std. Standard  
 Bmk. Benchmark  
 \* Correct answer for multiple choice item  
 \*\* Percentage of students who did not respond or marked more than one response.  
 N/A Not available

**Reading Standards**

AV Acquisition of Vocabulary  
 IT Informational Text  
 LT Literary Text  
 RP Reading Process

Field Test Items -- #23 through 28 - Not Reported

Run Date: 06/23/05

The state, district and school % reflect the percent of students selecting the correct response for multiple choice items.

The state, district and school *mean* reflects the average scores of students for short and extended response items.

For benchmark definitions please visit the ODE web site "<http://www.ode.state.oh.us/proficiency/OGT/default.asp>" or refer to Ohio Department of Education publications.



**OHIO GRADUATION TESTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2005**

GRADE: **10**

<b>MATHEMATICS</b>																	
Multiple Choice Items				Percent Responding					Percent Correct								
Item	Std.	Bmk.	Proc.	**	(A)	(B)	(C)	(D)	Item	School	District	State					
01	G	C		00	72*	07	10	10	01	N/A	N/A	72					
02	A	E		00	70*	04	23	03	02	N/A	N/A	70					
03	G	A		00	14	26*	34	26	03	N/A	N/A	26					
04	A	F		00	08	84*	07	02	04	N/A	N/A	84					
05	M	C		01	12	19	52*	16	05	N/A	N/A	52					
07	A	B		00	16	12	65*	07	07	N/A	N/A	65					
08	A	C		00	23	48*	09	20	08	N/A	N/A	48					
09	N	H		00	64*	13	15	08	09	N/A	N/A	64					
10	M	B		00	70*	08	15	07	10	N/A	N/A	70					
11	N	G		00	11	15	68*	05	11	N/A	N/A	68					
13	N	E		00	63*	18	06	13	13	N/A	N/A	63					
14	A	I		00	14	13	67*	05	14	N/A	N/A	67					
15	G	I		01	12	22	17	49*	15	N/A	N/A	49					
16	M	C		00	13	24	60*	04	16	N/A	N/A	60					
17	D	H		00	17	72*	09	02	17	N/A	N/A	72					
19	D	D		00	16	08	72*	03	19	N/A	N/A	72					
20	M	A		00	51*	33	10	06	20	N/A	N/A	51					
21	N	IE		00	16	25	53*	06	21	N/A	N/A	53					
22	D	A		00	09	78*	11	02	22	N/A	N/A	78					
23	G	B		00	27	09	51*	12	23	N/A	N/A	51					
25	N	C	F	00	19	07	31	43*	25	N/A	N/A	43					
26	A	D		00	04	18	13	65*	26	N/A	N/A	65					
27	A	A		00	07	06	82*	04	27	N/A	N/A	82					
28	D	B		00	88*	03	04	04	28	N/A	N/A	88					
<b>Field Test Items 29 through 34</b>																	
35	G	D		00	63*	06	26	05	35	N/A	N/A	63					
37	M	B		00	33	49*	14	03	37	N/A	N/A	49					
38	A	H		00	08	15	75*	02	38	N/A	N/A	75					
39	D	G		00	02	09	64*	25	39	N/A	N/A	64					
40	N	A		00	71*	08	16	05	40	N/A	N/A	71					
41	G	D		01	03	12	71*	13	41	N/A	N/A	71					
43	N	D		00	78*	06	06	10	43	N/A	N/A	78					
44	M	E		01	04	17	57*	21	44	N/A	N/A	57					
<b>Short Answer Items</b>																	
Item	Std.	Bmk.	Proc.	**	Percent at Each Score Point					Item	School	District	State				
					(0.0)	(0.5)	(1.0)	(1.5)	(2.0)								
06	G	F		02	14	02	12	05	64	06	N/A	N/A	1.50				
12	M	D	E	03	18	09	57	05	08	12	N/A	N/A	0.85				
18	N	G		09	36	06	16	02	31	18	N/A	N/A	0.84				
24	A	J	H	04	22	07	31	12	23	24	N/A	N/A	0.99				
42	D	J	B	11	38	06	22	05	17	42	N/A	N/A	0.68				
<b>Extended Response Items</b>																	
Item	Std.	Bmk.	Proc.	**	Percent at Each Score Point								Item	School	District	State	
					(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	(2.5)	(3.0)	(3.5)	(4.0)				
36	D	C	H	08	15	02	29	06	12	05	13	01	09	36	N/A	N/A	1.53
<b>Total Students Tested</b>					<b>134798</b>									<b>134798</b>			

**Legend**

- Std. Standard
- Bmk. Benchmark
- Proc. Process Code
- \* Correct answer for multiple choice item
- \*\* Percentage of students who did not respond or marked more than one response.
- N/A Not available

**Mathematics Standards**

- A Algebra
- D Data Analysis
- G Geometry
- M Measurement
- N Number Sense

Run Date: 06/23/05

Field Test Items -- #29 through 34 - Not Reported  
 The state, district and school % reflect the percent of students selecting the correct response for multiple choice items.  
 The state, district and school mean reflects the average scores of students for short and extended response items.



**OHIO GRADUATION TESTS  
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STATE PUBLIC SCHOOLS  
MARCH 2005**

GRADE: **10**

WRITING													
Multiple Choice Items			Percent Responding					Item	Percent Correct				
Item	Std.	Bmk.	**	(A)	(B)	(C)	(D)		School	District	State		
02	WP	B	00	03	08	04	86*	02	N/A	N/A	86		
03	WP	ED	00	06	53*	32	09	03	N/A	N/A	53		
04	WP	ED	00	21	11	45*	23	04	N/A	N/A	45		
05	WP	D	00	72*	10	11	07	05	N/A	N/A	72		
07	WP	CD	00	06	02	04	88*	07	N/A	N/A	88		
08	WP	ED	00	23	06	05	65*	08	N/A	N/A	65		
Field Test Items 09 through 11													
12	WP	C	00	10	09	78*	03	12	N/A	N/A	78		
13	WP	C	00	09	04	14	73*	13	N/A	N/A	73		
14	WP	AC	00	07	08	04	81*	14	N/A	N/A	81		
15	WP	C	00	03	86*	05	06	15	N/A	N/A	86		
Short Answer Items			Percent at Each Score Point					Item	Mean Score				
Item	Std.	Bmk.	**	(0.0)	(0.5)	(1.0)	(1.5)		(2.0)	School	District	State	
06	WP	A	01	04	01	29	13	52	06	N/A	N/A	1.52	
Writing Prompts		Percent at Each Score Point Range								Item	Mean Score		
Prompt	Std.	**	(0)	(1-2)	(3-4)	(5-6)	(7-8)	(9-10)	(11-12)		School	District	State
1	WA	01	01	03	16	32	39	09	00	01	N/A	N/A	6.28
1	WC	01	01	04	21	74	00	00	00	01	N/A	N/A	5.08
2	WA	01	01	03	12	30	41	11	01	16	N/A	N/A	6.50
2	WC	01	01	05	23	70	00	00	00	16	N/A	N/A	4.93
<b>Total Students Tested</b>			<b>133935</b>					<b>133935</b>					

**Legend**  
 Std. Standard  
 Bmk. Benchmark  
 \* Correct answer for multiple choice item  
 \*\* Percentage of students who did not respond or marked more than one response.  
 N/A Not available

**Writing Standards**  
 WP Writing Process  
 WA Writing Applications  
 WC Writing Conventions

Field Test Items -- #09 through 11 - Not Reported  
 The state, district and school % reflect the percent of students selecting the correct response for multiple choice items.  
 The state, district and school mean reflects the average scores of students for short and extended response items.

Run Date: 06/23/05



**OHIO GRADUATION TESTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2005**

GRADE: **10**

<b>SCIENCE</b>																
Multiple Choice Items			Percent Responding					Item	Percent Correct							
Item	Std.	Bmk.	**	(A)	(B)	(C)	(D)		School	District	State					
01	ES	E	00	07	08	81*	04	01	N/A	N/A	81					
02	PS	E	00	11	30	27	32*	02	N/A	N/A	32					
03	PS	F	00	25*	04	42	28	03	N/A	N/A	25					
04	PS	E	00	10	62*	16	12	04	N/A	N/A	62					
05	PS	D	00	13	08	07	72*	05	N/A	N/A	72					
07	PS	G	00	03	84*	07	05	07	N/A	N/A	84					
08	ES	F	00	52*	11	10	26	08	N/A	N/A	52					
09	LS	F	00	51*	06	10	34	09	N/A	N/A	51					
10	SK	D	00	03	10	22	64*	10	N/A	N/A	64					
11	LS	C	00	34*	43	16	07	11	N/A	N/A	34					
13	LS	C	00	07	27	29	36*	13	N/A	N/A	36					
14	LS	C	00	90*	05	02	02	14	N/A	N/A	90					
15	ES	B	00	70*	16	09	06	15	N/A	N/A	70					
16	ES	B	00	03	15	80*	02	16	N/A	N/A	80					
17	ES	B	00	13	14	24	49*	17	N/A	N/A	49					
19	ES	B	00	82*	05	05	08	19	N/A	N/A	82					
20	ES	B	00	03	15	06	75*	20	N/A	N/A	75					
21	PS	D	00	06	04	12	78*	21	N/A	N/A	78					
22	ES	E	00	25	14	13	48*	22	N/A	N/A	48					
23	ES	A	00	08	75*	05	12	23	N/A	N/A	75					
25	PS	E	00	79*	11	05	05	25	N/A	N/A	79					
26	ES	C	00	17	37*	23	22	26	N/A	N/A	37					
27	PS	B	00	20	23	37*	20	27	N/A	N/A	37					
28	PS	C	00	66*	03	27	03	28	N/A	N/A	66					
<b>Field Test Items 29 through 34</b>																
35	PS	A	00	41*	15	35	09	35	N/A	N/A	41					
37	LS	A	00	08	68*	12	11	37	N/A	N/A	68					
38	LS	B	00	26	04	06	63*	38	N/A	N/A	63					
39	LS	J	00	06	34	11	49*	39	N/A	N/A	49					
40	ST	B	00	03	07	87*	03	40	N/A	N/A	87					
41	ST	A	01	10	80*	04	04	41	N/A	N/A	80					
43	LS	E	00	05	04	84*	07	43	N/A	N/A	84					
44	SI	A	00	14	71*	05	10	44	N/A	N/A	71					
<b>Short Answer Items</b>																
Item Std. Bmk.			**	Percent at Each Score Point					Item	Mean Score						
				(0.0)	(0.5)	(1.0)	(1.5)	(2.0)		School	District	State				
06	PS	D	06	37	12	37	05	03	06	N/A	N/A	0.56				
18	ES	B	04	13	03	15	04	61	18	N/A	N/A	1.44				
24	ST	B	05	10	02	06	12	64	24	N/A	N/A	1.54				
42	SI	A	07	39	06	06	08	34	42	N/A	N/A	0.88				
<b>Extended Response Items</b>																
Item Std. Bmk.			**	Percent at Each Score Point								Item	Mean Score			
				(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	(2.5)	(3.0)	(3.5)		(4.0)	School	District	State
12	LS	C	06	20	04	12	05	11	04	11	03	24	12	N/A	N/A	1.91
36	SK	D	07	12	07	17	13	17	09	06	05	07	36	N/A	N/A	1.59
<b>Total Students Tested</b>			<b>134002</b>											<b>134002</b>		

**Legend**

Std. Standard Bmk. Benchmark * Correct answer for multiple choice item ** Percentage of students who did not respond or marked more than one response. N/A Not available Field Test Items -- #29 through 34 - Not Reported The state, district and school % reflect the percent of students selecting the correct response for multiple choice items. The state, district and school mean reflects the average scores of students for short and extended response items.	<b>Science Standards</b> ST Science & Technology ES Earth & Space LS Life Science PS Physical Science SI Scientific Inquiry SK Scientific Ways of Knowing
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Run Date: 06/23/05



**OHIO GRADUATION TESTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2005**

GRADE: **10**

<b>SOCIAL STUDIES</b>																
Multiple Choice Items			Percent Responding							Percent Correct						
Item	Std.	Bmk.	**	(A)	(B)	(C)	(D)	Item	School	District	State	Item	School	District	State	
01	PE	C	00	89*	04	05	02	01	N/A	N/A	89	01	N/A	N/A	89	
02	HI	B	00	12	07	07	74*	02	N/A	N/A	74	02	N/A	N/A	74	
03	GE	A	00	06	02	10	82*	03	N/A	N/A	82	03	N/A	N/A	82	
04	PE	B	00	83*	10	05	02	04	N/A	N/A	83	04	N/A	N/A	83	
05	EC	B	00	14	74*	10	03	05	N/A	N/A	74	05	N/A	N/A	74	
07	SO	A	00	11	72*	04	13	07	N/A	N/A	72	07	N/A	N/A	72	
08	GE	C	00	65*	19	09	07	08	N/A	N/A	65	08	N/A	N/A	65	
09	SO	B	00	05	15	08	72*	09	N/A	N/A	72	09	N/A	N/A	72	
10	CI	B	00	85*	04	07	03	10	N/A	N/A	85	10	N/A	N/A	85	
11	SO	A	00	15	09	60*	16	11	N/A	N/A	60	11	N/A	N/A	60	
13	GO	B	00	18	19	12	52*	13	N/A	N/A	52	13	N/A	N/A	52	
14	GE	C	00	10	06	69*	15	14	N/A	N/A	69	14	N/A	N/A	69	
15	SO	B	00	11	05	08	76*	15	N/A	N/A	76	15	N/A	N/A	76	
16	HI	D	00	05	43*	35	16	16	N/A	N/A	43	16	N/A	N/A	43	
17	PE	A	00	13	15	65*	08	17	N/A	N/A	65	17	N/A	N/A	65	
19	HI	E	00	16	15	12	57*	19	N/A	N/A	57	19	N/A	N/A	57	
20	GE	A	00	20	10	56*	14	20	N/A	N/A	56	20	N/A	N/A	56	
21	SO	A	00	09	73*	12	06	21	N/A	N/A	73	21	N/A	N/A	73	
22	HI	F	00	73*	13	05	08	22	N/A	N/A	73	22	N/A	N/A	73	
23	EC	A	00	67*	16	09	08	23	N/A	N/A	67	23	N/A	N/A	67	
25	HI	A	00	53*	25	13	09	25	N/A	N/A	53	25	N/A	N/A	53	
26	EC	B	00	71*	10	08	11	26	N/A	N/A	71	26	N/A	N/A	71	
27	HI	B	00	19	10	07	63*	27	N/A	N/A	63	27	N/A	N/A	63	
28	GE	A	00	14	14	40*	32	28	N/A	N/A	40	28	N/A	N/A	40	
<b>Field Test Items 29 through 34</b>																
35	GO	A	00	04	03	79*	14	35	N/A	N/A	79	35	N/A	N/A	79	
37	SO	A	00	03	06	87*	03	37	N/A	N/A	87	37	N/A	N/A	87	
38	HI	C	00	23	12	17	48*	38	N/A	N/A	48	38	N/A	N/A	48	
39	GE	B	00	54*	05	06	35	39	N/A	N/A	54	39	N/A	N/A	54	
40	CI	A	00	67*	11	15	07	40	N/A	N/A	67	40	N/A	N/A	67	
41	PE	A	00	18	71*	04	06	41	N/A	N/A	71	41	N/A	N/A	71	
43	HI	A	00	13	63*	14	09	43	N/A	N/A	63	43	N/A	N/A	63	
44	SO	B	00	07	78*	08	06	44	N/A	N/A	78	44	N/A	N/A	78	
<b>Short Answer Items</b>																
Item	Std.	Bmk.	**	Percent at Each Score Point					Item	School	District	State				
				(0.0)	(0.5)	(1.0)	(1.5)	(2.0)								
12	HI	B	04	08	07	16	21	44	12	N/A	N/A	1.39				
24	PE	C	06	19	07	24	20	25	24	N/A	N/A	1.07				
36	EC	B	04	24	01	17	12	41	36	N/A	N/A	1.19				
42	SO	B	06	23	11	20	14	27	42	N/A	N/A	1.00				
<b>Extended Response Items</b>																
Item	Std.	Bmk.	**	Percent at Each Score Point								Item	School	District	State	
				(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	(2.5)	(3.0)	(3.5)	(4.0)				
06	HI	D	12	29	05	06	03	08	04	06	07	19	06	N/A	N/A	1.59
18	GO	B	09	23	03	05	05	18	04	10	04	19	18	N/A	N/A	1.79
<b>Total Students Tested</b>			<b>133519</b>										<b>133519</b>			

**Legend**  
 Std. Standard  
 Bmk. Benchmark  
 \* Correct answer for multiple choice item  
 \*\* Percentage of students who did not respond or marked more than one response.  
 N/A Not available

**Social Studies Standards**  
 HI History  
 GE Geography  
 GO Government  
 SO Skills & Methods  
 PE People in Societies  
 CI Citizenship Rights  
 EC Economics

Field Test Items -- #29 through 34 - Not Reported

The state, district and school % reflect the percent of students selecting the correct response for multiple choice items.

The state, district and school *mean* reflects the average scores of students for short and extended response items.

Run Date: 06/23/05