



**OHIO GRADUATION TESTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2007**

GRADE: 10

READING																
Multiple Choice Items			Percent Responding						Percent Correct							
Item	Std.	Bmk.	**	(A)	(B)	(C)	(D)	Item	School	District	State					
02	AV	C	00	02	12	14	72*	02	N/A	N/A	72					
14	AV	A	00	54	04	25*	18	14	N/A	N/A	25					
15	AV	A	00	56*	25	05	14	15	N/A	N/A	56					
24	AV	C	00	86*	06	05	03	24	N/A	N/A	86					
30	AV	E	00	08	78*	07	06	30	N/A	N/A	78					
31	AV	C	00	78*	11	07	04	31	N/A	N/A	78					
03	IT	D	00	10	48*	27	15	03	N/A	N/A	48					
04	IT	A	00	27*	23	12	37	04	N/A	N/A	27					
05	IT	E	00	03	57*	32	07	05	N/A	N/A	57					
21	IT	D	00	03	92*	03	02	21	N/A	N/A	92					
26	IT	D	00	03	79*	02	16	26	N/A	N/A	79					
27	IT	D	00	01	03	92*	03	27	N/A	N/A	92					
29	IT	D	00	02	94*	01	02	29	N/A	N/A	94					
42	IT	D	01	07	33	54*	06	42	N/A	N/A	54					
43	IT	A	01	07	27	53*	12	43	N/A	N/A	53					
44	IT	D	01	08	04	60*	28	44	N/A	N/A	60					
13	LT	C	00	38*	05	22	35	13	N/A	N/A	38					
16	LT	A	00	65*	04	19	12	16	N/A	N/A	65					
19	LT	F	00	81*	07	05	07	19	N/A	N/A	81					
20	LT	G	00	05	75*	07	12	20	N/A	N/A	75					
35	LT	A	00	89*	02	04	05	35	N/A	N/A	89					
37	LT	F	00	05	13	54*	27	37	N/A	N/A	54					
38	LT	F	00	02	44*	48	04	38	N/A	N/A	44					
39	LT	B	00	12	07	21	60*	39	N/A	N/A	60					
01	RP	B	00	77*	04	04	16	01	N/A	N/A	77					
17	RP	B	00	04	05	88*	02	17	N/A	N/A	88					
23	RP	A	00	11	17	67*	05	23	N/A	N/A	67					
25	RP	A	00	84*	05	09	02	25	N/A	N/A	84					
33	RP	B	00	05	63*	26	05	33	N/A	N/A	63					
34	RP	B	00	06	59*	23	12	34	N/A	N/A	59					
40	RP	A	01	15	13	39*	33	40	N/A	N/A	39					
41	RP	B	01	15	61*	06	17	41	N/A	N/A	61					
Short Answer Items			Percent at Each Score Point						Mean Score							
Item	Std.	Bmk.	**	(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	Item	School	District	State				
06	AV	A	02	21	03	12	07	56	06	N/A	N/A	1.36				
22	IT	D	02	13	08	13	19	45	22	N/A	N/A	1.35				
18	LT	A	03	24	13	31	11	19	18	N/A	N/A	0.92				
36	RP	B	04	15	04	22	09	46	36	N/A	N/A	1.30				
Extended Response Items			Percent at Each Score Point											Mean Score		
Item	Std.	Bmk.	**	(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	(2.5)	(3.0)	(3.5)	(4.0)	Item	School	District	State
28	IT	D	02	09	02	08	04	09	08	15	17	26	28	N/A	N/A	2.63
32	LT	D	06	29	07	06	09	15	10	08	06	05	32	N/A	N/A	1.40
<b>Total Students Tested</b>				<b>136958</b>										<b>136958</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, Technical and Persuasive Text
- LT Literary Text
- RP Reading Process

Field Test Items -- 7 through 12 - Not Reported

Run Date: 05/18/07

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.

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**OHIO GRADUATION TESTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2007**

GRADE: **10**

<b>MATHEMATICS</b>																	
Multiple Choice Items				Percent Responding					Percent Correct								
Item	Std.	Bmk.	Proc.	**	(A)	(B)	(C)	(D)	Item	School	District	State					
02	A	A		00	07	11	77*	05	02	N/A	N/A	77					
07	A	E		00	71*	02	02	24	07	N/A	N/A	71					
18	A	A		00	24	09	58*	08	18	N/A	N/A	58					
24	A	F		00	11	14	51*	24	24	N/A	N/A	51					
30	A	J		00	13	59*	24	03	30	N/A	N/A	59					
44	A	C		00	08	22	60*	10	44	N/A	N/A	60					
01	D	B		00	96*	01	02	01	01	N/A	N/A	96					
05	D	C		00	57*	18	18	08	05	N/A	N/A	57					
17	D	H		00	09	17	07	67*	17	N/A	N/A	67					
20	D	K		00	86*	07	06	02	20	N/A	N/A	86					
23	D	J		00	02	85*	10	03	23	N/A	N/A	85					
26	D	A		00	02	13	76*	09	26	N/A	N/A	76					
31	D	D		00	72*	08	06	14	31	N/A	N/A	72					
39	D	J		00	72*	19	05	03	39	N/A	N/A	72					
43	D	A		00	08	84*	05	02	43	N/A	N/A	84					
06	G	E		00	01	94*	03	02	06	N/A	N/A	94					
25	G	C		00	75*	08	06	10	25	N/A	N/A	75					
29	G	B		00	21	29	47*	03	29	N/A	N/A	47					
33	G	A		00	05	05	58*	32	33	N/A	N/A	58					
37	G	F		00	10	67*	12	11	37	N/A	N/A	67					
42	G	F		00	10	68*	16	07	42	N/A	N/A	68					
09	M	F		00	60*	19	12	08	09	N/A	N/A	60					
21	M	D		00	10	56*	22	11	21	N/A	N/A	56					
27	M	C		01	10	26	51*	12	27	N/A	N/A	51					
36	M	D		00	22	58*	11	08	36	N/A	N/A	58					
41	M	B		00	11	62*	14	13	41	N/A	N/A	62					
03	N	DH		00	04	85*	05	05	03	N/A	N/A	85					
08	N	G		00	03	73*	14	10	08	N/A	N/A	73					
19	N	A		00	11	04	75*	10	19	N/A	N/A	75					
32	N	G		00	10	13	13	64*	32	N/A	N/A	64					
35	N	E		00	08	14	75*	03	35	N/A	N/A	75					
40	N	F		00	11	08	54*	27	40	N/A	N/A	54					
Short Answer Items				Percent at Each Score Point					Mean Score								
Item	Std.	Bmk.	Proc.	**	(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	Item	School	District	State				
38	A	H	A	08	45	04	18	02	23	38	N/A	N/A	0.70				
34	D	GE	G	03	21	12	31	12	20	34	N/A	N/A	0.96				
10	G	EA	E	05	62	03	14	01	15	10	N/A	N/A	0.47				
04	M	F	B	02	31	13	26	01	27	04	N/A	N/A	0.88				
28	N	IA	B	06	48	05	17	02	21	28	N/A	N/A	0.65				
Extended Response Items				Percent at Each Score Point										Mean Score			
Item	Std.	Bmk.	Proc.	**	(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	(2.5)	(3.0)	(3.5)	(4.0)	Item	School	District	State
22	A	D	B	04	25	05	06	02	07	03	21	04	23	22	N/A	N/A	2.02
<b>Total Students Tested</b>				<b>137709</b>										<b>137709</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: 05/18/07

Field Test Items -- 11 through 16 - Not Reported

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**OHIO GRADUATION TESTS  
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STATE PUBLIC SCHOOLS  
MARCH 2007**

GRADE: **10**

WRITING														
Multiple Choice Items			Percent Responding					Item	Percent Correct					
Item	Std.	Bmk.	**	(A)	(B)	(C)	(D)		School	District	State			
02	WP	A	00	11	36	02	50*	02	N/A	N/A	50			
03	WP	B	00	15	16	59*	10	03	N/A	N/A	59			
04	WP	C	00	12	45*	18	25	04	N/A	N/A	45			
05	WP	D	00	92*	02	05	01	05	N/A	N/A	92			
06	WP	D	00	12	67*	13	08	06	N/A	N/A	67			
08	WP	AC	00	08	38*	27	26	08	N/A	N/A	38			
09	WP	C	00	03	06	02	89*	09	N/A	N/A	89			
10	WP	D	00	10	03	64*	23	10	N/A	N/A	64			
11	WP	DE	00	08	20	65*	06	11	N/A	N/A	65			
12	WP	C	00	11	03	69*	17	12	N/A	N/A	69			
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		
07	WP	C	01	02	04	23	10	60	07	N/A	N/A	1.59		
Writing Prompts			Percent at Each Score Point Range							Item	Mean Score			
Prompt	Std.	Bmk.	**	(0)	(1-2)	(3-4)	(5-6)	(7-8)	(9-10)		(11-12)	School	District	State
01	WA		01	00	03	12	27	45	11	01	01	N/A	N/A	6.65
13	WA		01	00	01	03	12	57	23	03	13	N/A	N/A	7.77
01	WC		01	00	04	20	76	00	00	00	01	N/A	N/A	5.11
13	WC		01	00	02	17	80	00	00	00	13	N/A	N/A	5.24
<b>Total Students Tested</b>			<b>136399</b>					<b>136399</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 Processes  
 WA Writing Applications  
 WC Writing Conventions

Field Test Items -- None

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Run Date: 05/18/07



**OHIO GRADUATION TESTS  
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STATE PUBLIC SCHOOLS  
MARCH 2007**

GRADE: 10

SCIENCE																
Multiple Choice Items			Percent Responding					Item	Percent Correct							
Item	Std.	Bmk.	**	(A)	(B)	(C)	(D)		School	District	State					
06	ES	B	00	06	86*	04	04	06	N/A	N/A	86					
18	ES	F	00	07	13	71*	10	18	N/A	N/A	71					
24	ES	B	00	05	70*	09	15	24	N/A	N/A	70					
29	ES	D	00	06	09	67*	17	29	N/A	N/A	67					
31	ES	D	00	51*	09	08	32	31	N/A	N/A	51					
32	ES	D	00	11	16	08	64*	32	N/A	N/A	64					
35	ES	E	00	72*	08	09	11	35	N/A	N/A	72					
38	ES	F	00	07	29	58*	06	38	N/A	N/A	58					
02	LS	F	00	85*	07	04	04	02	N/A	N/A	85					
03	LS	G	00	06	63*	18	12	03	N/A	N/A	63					
04	LS	E	00	14	06	68*	12	04	N/A	N/A	68					
05	LS	E	00	04	06	24	66*	05	N/A	N/A	66					
26	LS	D	00	28	62*	05	04	26	N/A	N/A	62					
27	LS	D	00	10	16	54*	20	27	N/A	N/A	54					
30	LS	H	00	14	09	64*	13	30	N/A	N/A	64					
40	LS	F	00	06	82*	04	07	40	N/A	N/A	82					
42	LS	D	00	11	06	71*	11	42	N/A	N/A	71					
44	LS	F	00	07	12	66*	16	44	N/A	N/A	66					
01	PS	C	00	75*	22	02	02	01	N/A	N/A	75					
08	PS	C	00	01	90*	03	06	08	N/A	N/A	90					
09	PS	C	00	89*	04	03	05	09	N/A	N/A	89					
10	PS	H	00	17	14	40*	29	10	N/A	N/A	40					
20	PS	B	00	05	04	03	88*	20	N/A	N/A	88					
21	PS	F	00	17	70*	05	07	21	N/A	N/A	70					
22	PS	C	00	31	10	46*	12	22	N/A	N/A	46					
23	PS	D	00	15	21	45*	19	23	N/A	N/A	45					
36	PS	D	00	02	02	77*	19	36	N/A	N/A	77					
41	PS	G	00	10	06	08	76*	41	N/A	N/A	76					
39	SI	A	00	08	07	07	76*	39	N/A	N/A	76					
43	SI	A	00	20	49*	21	10	43	N/A	N/A	49					
17	SK	C	00	13	14	18	55*	17	N/A	N/A	55					
34	ST	B	00	07	15	44	34*	34	N/A	N/A	34					
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				
25	LS	F	08	57	06	12	04	12	25	N/A	N/A	0.47				
07	PS	B	09	75	03	08	02	04	07	N/A	N/A	0.20				
37	SI	A	06	36	15	35	06	02	37	N/A	N/A	0.57				
28	ST	B	05	51	18	19	05	02	28	N/A	N/A	0.40				
Extended Response Items			Percent at Each Score Point								Item	Mean Score				
Item	Std.	Bmk.	**	(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	(2.5)	(3.0)	(3.5)	(4.0)		School	District	State
19	ES	D	04	10	07	24	17	25	06	04	01	01	19	N/A	N/A	1.40
33	SK	C	05	16	09	16	15	18	08	06	04	03	33	N/A	N/A	1.42
<b>Total Students Tested</b>			<b>137709</b>											<b>137709</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

**Science Standards**

- ST Science and Technology, Scientific Inquiry, Scientific Ways of Knowing
- ES Earth and Space Sciences
- LS Life Sciences
- PS Physical Sciences

Field Test Items -- 11 through 16 - Not Reported

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Run Date: 05/18/07

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MARCH 2007**

GRADE: 10

<b>SOCIAL STUDIES</b>																	
Multiple Choice Items			Percent Responding							Percent Correct							
Item	Std.	Bmk.	**	(A)	(B)	(C)	(D)	Item	School	District	State						
06	CI	B	00	81*	07	09	03	06	N/A	N/A	81						
21	CI	A	00	10	06	11	72*	21	N/A	N/A	72						
34	CI	B	00	16	07	26	51*	34	N/A	N/A	51						
08	EC	B	00	04	09	79*	07	08	N/A	N/A	79						
26	EC	A	00	11	09	72*	08	26	N/A	N/A	72						
03	GE	B	00	62*	19	04	15	03	N/A	N/A	62						
22	GE	A	00	05	17	22	55*	22	N/A	N/A	55						
30	GE	C	00	08	10	48*	34	30	N/A	N/A	48						
37	GE	A	00	07	08	20	64*	37	N/A	N/A	64						
43	GE	A	00	06	19	16	58*	43	N/A	N/A	58						
20	GO	A	00	79*	05	11	05	20	N/A	N/A	79						
33	GO	B	00	06	08	04	82*	33	N/A	N/A	82						
01	HI	E	00	17	14	66*	03	01	N/A	N/A	66						
09	HI	E	00	09	07	10	74*	09	N/A	N/A	74						
19	HI	A	00	72*	12	10	05	19	N/A	N/A	72						
27	HI	D	00	51*	13	24	11	27	N/A	N/A	51						
31	HI	F	00	08	15	14	64*	31	N/A	N/A	64						
36	HI	B	00	74*	11	12	04	36	N/A	N/A	74						
40	HI	C	00	20	16	51*	12	40	N/A	N/A	51						
42	HI	B	00	26	14	49*	10	42	N/A	N/A	49						
04	PE	A	00	04	07	87*	02	04	N/A	N/A	87						
10	PE	C	00	08	79*	04	09	10	N/A	N/A	79						
25	PE	B	00	04	74*	17	06	25	N/A	N/A	74						
32	PE	B	00	05	07	83*	05	32	N/A	N/A	83						
41	PE	A	00	09	69*	10	12	41	N/A	N/A	69						
02	SO	A	00	03	05	79*	12	02	N/A	N/A	79						
07	SO	A	00	08	10	07	75*	07	N/A	N/A	75						
18	SO	A	00	01	07	09	83*	18	N/A	N/A	83						
24	SO	B	00	25	08	64*	03	24	N/A	N/A	64						
28	SO	B	00	03	18	06	72*	28	N/A	N/A	72						
38	SO	B	00	06	17	60*	16	38	N/A	N/A	60						
44	SO	B	00	11	13	02	74*	44	N/A	N/A	74						
Short Answer Items			Percent at Each Score Point							Mean Score							
Item	Std.	Bmk.	**	(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	Item	School	District	State					
39	EC	B	04	30	05	16	10	35	39	N/A	N/A	1.03					
17	GE	C	02	06	02	14	09	67	17	N/A	N/A	1.63					
05	HI	C	04	31	01	47	05	11	05	N/A	N/A	0.78					
35	SO	A	04	13	02	69	10	02	35	N/A	N/A	0.90					
Extended Response Items			Percent at Each Score Point											Mean Score			
Item	Std.	Bmk.	**	(0.0)	(0.5)	(1.0)	(1.5)	(2.0)	(2.5)	(3.0)	(3.5)	(4.0)	Item	School	District	State	
29	CI	B	07	49	11	10	07	07	04	03	01	01	29	N/A	N/A	0.67	
23	HI	F	05	52	06	10	07	06	06	07	00	00	23	N/A	N/A	0.73	
<b>Total Students Tested</b>				<b>136998</b>											<b>136998</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
- PE People in Societies
- GO Government, Citizenship, Economics
- SO Skills and Methods

Field Test Items -- 11 through 16 - Not Reported

Run Date: 05/18/07

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