



**OHIO GRADUATION TESTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2006**

GRADE: 10

| <b>READING</b>                        |      |      |                             |       |       |       |       |       |                 |          |          |               |            |        |          |       |
|---------------------------------------|------|------|-----------------------------|-------|-------|-------|-------|-------|-----------------|----------|----------|---------------|------------|--------|----------|-------|
| Multiple Choice Items                 |      |      | Percent Responding          |       |       |       |       | Item  | Percent Correct |          |          |               |            |        |          |       |
| Item                                  | Std. | Bmk. | **                          | (A)   | (B)   | (C)   | (D)   |       | School          | District | State    |               |            |        |          |       |
| 01                                    | AV   | C    | 00                          | 81*   | 03    | 03    | 12    | 01    | N/A             | N/A      | 81       |               |            |        |          |       |
| 02                                    | AV   | D    | 00                          | 57*   | 06    | 31    | 05    | 02    | N/A             | N/A      | 57       |               |            |        |          |       |
| 08                                    | AV   | A    | 00                          | 55*   | 06    | 23    | 16    | 08    | N/A             | N/A      | 55       |               |            |        |          |       |
| 15                                    | AV   | E    | 00                          | 31    | 56*   | 07    | 06    | 15    | N/A             | N/A      | 56       |               |            |        |          |       |
| 25                                    | AV   | A    | 00                          | 93*   | 03    | 02    | 01    | 25    | N/A             | N/A      | 93       |               |            |        |          |       |
| 37                                    | AV   | A    | 01                          | 14    | 06    | 20    | 58*   | 37    | N/A             | N/A      | 58       |               |            |        |          |       |
| 03                                    | IT   | D    | 00                          | 02    | 69*   | 04    | 26    | 03    | N/A             | N/A      | 69       |               |            |        |          |       |
| 04                                    | IT   | B    | 00                          | 18    | 72*   | 07    | 03    | 04    | N/A             | N/A      | 72       |               |            |        |          |       |
| 07                                    | IT   | D    | 00                          | 58*   | 26    | 12    | 05    | 07    | N/A             | N/A      | 58       |               |            |        |          |       |
| 12                                    | IT   | B    | 00                          | 67*   | 10    | 07    | 16    | 12    | N/A             | N/A      | 67       |               |            |        |          |       |
| 13                                    | IT   | D    | 00                          | 14    | 78*   | 02    | 06    | 13    | N/A             | N/A      | 78       |               |            |        |          |       |
| 14                                    | IT   | D    | 00                          | 79*   | 05    | 11    | 05    | 14    | N/A             | N/A      | 79       |               |            |        |          |       |
| 22                                    | IT   | D    | 00                          | 05    | 04    | 78*   | 13    | 22    | N/A             | N/A      | 78       |               |            |        |          |       |
| 24                                    | IT   | D    | 00                          | 87*   | 04    | 03    | 05    | 24    | N/A             | N/A      | 87       |               |            |        |          |       |
| 26                                    | IT   | D    | 00                          | 03    | 82*   | 06    | 09    | 26    | N/A             | N/A      | 82       |               |            |        |          |       |
| 30                                    | IT   | D    | 00                          | 04    | 90*   | 04    | 01    | 30    | N/A             | N/A      | 90       |               |            |        |          |       |
| 31                                    | LT   | E    | 00                          | 04    | 05    | 88*   | 03    | 31    | N/A             | N/A      | 88       |               |            |        |          |       |
| 33                                    | LT   | F    | 01                          | 14    | 75*   | 04    | 06    | 33    | N/A             | N/A      | 75       |               |            |        |          |       |
| 34                                    | LT   | E    | 01                          | 02    | 73*   | 05    | 19    | 34    | N/A             | N/A      | 73       |               |            |        |          |       |
| 36                                    | LT   | C    | 00                          | 90*   | 03    | 02    | 05    | 36    | N/A             | N/A      | 90       |               |            |        |          |       |
| 40                                    | LT   | F    | 01                          | 66*   | 29    | 02    | 02    | 40    | N/A             | N/A      | 66       |               |            |        |          |       |
| 41                                    | LT   | E    | 01                          | 10    | 17    | 05    | 67*   | 41    | N/A             | N/A      | 67       |               |            |        |          |       |
| 42                                    | LT   | F    | 01                          | 12    | 34    | 17    | 37*   | 42    | N/A             | N/A      | 37       |               |            |        |          |       |
| 06                                    | RP   | B    | 00                          | 85*   | 06    | 05    | 04    | 06    | N/A             | N/A      | 85       |               |            |        |          |       |
| 09                                    | RP   | B    | 00                          | 02    | 04    | 92*   | 02    | 09    | N/A             | N/A      | 92       |               |            |        |          |       |
| 11                                    | RP   | B    | 00                          | 85*   | 06    | 07    | 02    | 11    | N/A             | N/A      | 85       |               |            |        |          |       |
| 27                                    | RP   | B    | 00                          | 03    | 02    | 92*   | 03    | 27    | N/A             | N/A      | 92       |               |            |        |          |       |
| 28                                    | RP   | A    | 00                          | 03    | 03    | 90*   | 03    | 28    | N/A             | N/A      | 90       |               |            |        |          |       |
| 32                                    | RP   | B    | 01                          | 14    | 33    | 04    | 48*   | 32    | N/A             | N/A      | 48       |               |            |        |          |       |
| 38                                    | RP   | B    | 01                          | 16    | 68*   | 03    | 13    | 38    | N/A             | N/A      | 68       |               |            |        |          |       |
| 43                                    | RP   | B    | 01                          | 67*   | 05    | 07    | 20    | 43    | N/A             | N/A      | 67       |               |            |        |          |       |
| 44                                    | RP   | B    | 01                          | 24    | 07    | 56*   | 11    | 44    | N/A             | N/A      | 56       |               |            |        |          |       |
| <b>Field Test Items 16 through 21</b> |      |      |                             |       |       |       |       |       |                 |          |          |               |            |        |          |       |
| 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         |            |        |          |       |
| 23                                    | AV   | A    | 03                          | 26    | 11    | 12    | 13    | 36    | 23              | N/A      | N/A      | 1.08          |            |        |          |       |
| 10                                    | IT   | C    | 06                          | 33    | 11    | 09    | 10    | 31    | 10              | N/A      | N/A      | 0.92          |            |        |          |       |
| 39                                    | LT   | E    | 05                          | 14    | 12    | 22    | 21    | 25    | 39              | N/A      | N/A      | 1.10          |            |        |          |       |
| 05                                    | RP   | B    | 01                          | 16    | 10    | 18    | 15    | 39    | 05              | N/A      | N/A      | 1.25          |            |        |          |       |
| 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 |
| 29                                    | IT   | A    | 03                          | 15    | 03    | 09    | 03    | 05    | 03              | 09       | 09       | 40            | 29         | N/A    | N/A      | 2.52  |
| 35                                    | LT   | E    | 05                          | 15    | 05    | 12    | 06    | 07    | 06              | 09       | 09       | 28            | 35         | N/A    | N/A      | 2.20  |
| <b>Total Students Tested</b>          |      |      | <b>136796</b>               |       |       |       |       |       |                 |          |          | <b>136796</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 -- #16 through 21 - Not Reported

Run Date: 06/20/06

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 2006**

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                                    | A    | F    |       | 00                          | 09    | 75*   | 13    | 03    | 01              | N/A    | N/A      | 75         |       |               |        |          |       |  |
| 06                                    | A    | B    |       | 00                          | 05    | 17    | 69*   | 08    | 06              | N/A    | N/A      | 69         |       |               |        |          |       |  |
| 15                                    | A    | A    |       | 00                          | 12    | 08    | 05    | 75*   | 15              | N/A    | N/A      | 75         |       |               |        |          |       |  |
| 24                                    | A    | E    |       | 00                          | 12    | 49*   | 26    | 12    | 24              | N/A    | N/A      | 49         |       |               |        |          |       |  |
| 32                                    | A    | G    |       | 01                          | 43*   | 14    | 29    | 14    | 32              | N/A    | N/A      | 43         |       |               |        |          |       |  |
| 36                                    | A    | D    |       | 00                          | 12    | 73*   | 09    | 06    | 36              | N/A    | N/A      | 73         |       |               |        |          |       |  |
| 41                                    | A    | JE   |       | 00                          | 10    | 73*   | 09    | 08    | 41              | N/A    | N/A      | 73         |       |               |        |          |       |  |
| 02                                    | D    | F    |       | 00                          | 01    | 02    | 04    | 93*   | 02              | N/A    | N/A      | 93         |       |               |        |          |       |  |
| 05                                    | D    | J    |       | 00                          | 06    | 86*   | 04    | 03    | 05              | N/A    | N/A      | 86         |       |               |        |          |       |  |
| 09                                    | D    | B    |       | 00                          | 06    | 85*   | 05    | 04    | 09              | N/A    | N/A      | 85         |       |               |        |          |       |  |
| 14                                    | D    | J    |       | 00                          | 06    | 06    | 85*   | 04    | 14              | N/A    | N/A      | 85         |       |               |        |          |       |  |
| 27                                    | D    | A    |       | 00                          | 12    | 04    | 82*   | 03    | 27              | N/A    | N/A      | 82         |       |               |        |          |       |  |
| 31                                    | D    | H    |       | 00                          | 10    | 11    | 58*   | 22    | 31              | N/A    | N/A      | 58         |       |               |        |          |       |  |
| 35                                    | D    | C    |       | 00                          | 14    | 22    | 13    | 50*   | 35              | N/A    | N/A      | 50         |       |               |        |          |       |  |
| 39                                    | D    | H    |       | 00                          | 21    | 05    | 68*   | 06    | 39              | N/A    | N/A      | 68         |       |               |        |          |       |  |
| 44                                    | D    | D    |       | 00                          | 32    | 03    | 44*   | 21    | 44              | N/A    | N/A      | 44         |       |               |        |          |       |  |
| 11                                    | G    | E    |       | 00                          | 01    | 02    | 01    | 97*   | 11              | N/A    | N/A      | 97         |       |               |        |          |       |  |
| 25                                    | G    | C    |       | 00                          | 11    | 12    | 68*   | 09    | 25              | N/A    | N/A      | 68         |       |               |        |          |       |  |
| 29                                    | G    | D    |       | 00                          | 05    | 16    | 07    | 71*   | 29              | N/A    | N/A      | 71         |       |               |        |          |       |  |
| 37                                    | G    | B    |       | 00                          | 68*   | 10    | 13    | 08    | 37              | N/A    | N/A      | 68         |       |               |        |          |       |  |
| 03                                    | M    | E    |       | 00                          | 87*   | 04    | 08    | 02    | 03              | N/A    | N/A      | 87         |       |               |        |          |       |  |
| 07                                    | M    | D    |       | 00                          | 78*   | 15    | 04    | 03    | 07              | N/A    | N/A      | 78         |       |               |        |          |       |  |
| 12                                    | M    | D    |       | 00                          | 64*   | 21    | 08    | 07    | 12              | N/A    | N/A      | 64         |       |               |        |          |       |  |
| 13                                    | M    | B    |       | 00                          | 07    | 08    | 65*   | 19    | 13              | N/A    | N/A      | 65         |       |               |        |          |       |  |
| 30                                    | M    | B    |       | 00                          | 33    | 07    | 10    | 50*   | 30              | N/A    | N/A      | 50         |       |               |        |          |       |  |
| 42                                    | M    | C    |       | 00                          | 18    | 07    | 29    | 46*   | 42              | N/A    | N/A      | 46         |       |               |        |          |       |  |
| 08                                    | N    | G    |       | 00                          | 05    | 82*   | 06    | 08    | 08              | N/A    | N/A      | 82         |       |               |        |          |       |  |
| 23                                    | N    | DH   |       | 00                          | 09    | 78*   | 06    | 07    | 23              | N/A    | N/A      | 78         |       |               |        |          |       |  |
| 26                                    | N    | A    |       | 00                          | 13    | 02    | 05    | 80*   | 26              | N/A    | N/A      | 80         |       |               |        |          |       |  |
| 33                                    | N    | H    |       | 00                          | 19    | 61*   | 04    | 16    | 33              | N/A    | N/A      | 61         |       |               |        |          |       |  |
| 38                                    | N    | B    |       | 00                          | 12    | 12    | 20    | 56*   | 38              | N/A    | N/A      | 56         |       |               |        |          |       |  |
| 43                                    | N    | I    |       | 00                          | 31    | 11    | 51*   | 07    | 43              | N/A    | N/A      | 51         |       |               |        |          |       |  |
| <b>Field Test Items 16 through 21</b> |      |      |       |                             |       |       |       |       |                 |        |          |            |       |               |        |          |       |  |
| 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 |               |        |          |       |  |
| 10                                    | A    | HD   |       | 05                          | 40    | 01    | 03    | 05    | 46              | 10     | N/A      | N/A        | 1.02  |               |        |          |       |  |
| 28                                    | A    | CB   | H     | 04                          | 14    | 02    | 63    | 03    | 14              | 28     | N/A      | N/A        | 0.96  |               |        |          |       |  |
| 22                                    | D    | D    |       | 03                          | 18    | 04    | 23    | 04    | 48              | 22     | N/A      | N/A        | 1.27  |               |        |          |       |  |
| 34                                    | M    | A    | A     | 07                          | 58    | 06    | 07    | 03    | 20              | 34     | N/A      | N/A        | 0.53  |               |        |          |       |  |
| 04                                    | N    | G    | H     | 04                          | 33    | 04    | 14    | 06    | 39              | 04     | N/A      | N/A        | 1.03  |               |        |          |       |  |
| 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 |  |
| 40                                    | G    | GD   |       | 13                          | 60    | 05    | 10    | 02    | 05              | 01     | 01       | 01         | 03    | 40            | N/A    | N/A      | 0.45  |  |
| <b>Total Students Tested</b>          |      |      |       | <b>137486</b>               |       |       |       |       |                 |        |          |            |       | <b>137486</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: 06/20/06

Field Test Items -- #16 through 21 - 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  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2006**

GRADE: **10**

| <b>WRITING</b>               |      |                                   |                             |       |       |       |       |        |                 |          |               |          |       |
|------------------------------|------|-----------------------------------|-----------------------------|-------|-------|-------|-------|--------|-----------------|----------|---------------|----------|-------|
| Multiple Choice Items        |      |                                   | Percent Responding          |       |       |       |       | Item   | Percent Correct |          |               |          |       |
| Item                         | Std. | Bmk.                              | **                          | (A)   | (B)   | (C)   | (D)   |        | School          | District | State         |          |       |
| 02                           | WP   | CD                                | 00                          | 03    | 05    | 83*   | 08    | 02     | N/A             | N/A      | 83            |          |       |
| 03                           | WP   | D                                 | 00                          | 14    | 73*   | 06    | 07    | 03     | N/A             | N/A      | 73            |          |       |
| 04                           | WP   | C                                 | 00                          | 10    | 21    | 05    | 65*   | 04     | N/A             | N/A      | 65            |          |       |
| 05                           | WP   | C                                 | 00                          | 55*   | 10    | 19    | 16    | 05     | N/A             | N/A      | 55            |          |       |
| 06                           | WP   | A                                 | 00                          | 07    | 10    | 34    | 49*   | 06     | N/A             | N/A      | 49            |          |       |
| 08                           | WP   | B                                 | 00                          | 07    | 90*   | 02    | 01    | 08     | N/A             | N/A      | 90            |          |       |
| 09                           | WP   | A                                 | 00                          | 02    | 03    | 04    | 91*   | 09     | N/A             | N/A      | 91            |          |       |
| 10                           | WP   | E                                 | 00                          | 12    | 11    | 66*   | 11    | 10     | N/A             | N/A      | 66            |          |       |
| 11                           | WP   | B                                 | 00                          | 04    | 89*   | 03    | 04    | 11     | N/A             | N/A      | 89            |          |       |
| 12                           | WP   | DE                                | 00                          | 15    | 12    | 27    | 46*   | 12     | N/A             | N/A      | 46            |          |       |
|                              |      |                                   |                             |       |       |       |       |        |                 |          |               |          |       |
| 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   | A                                 | 01                          | 09    | 03    | 07    | 13    | 68     | 07              | N/A      | N/A           | 1.63     |       |
|                              |      |                                   |                             |       |       |       |       |        |                 |          |               |          |       |
| 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 |
| 01                           | WA   | 00                                | 00                          | 03    | 13    | 27    | 44    | 11     | 00              | 01       | N/A           | N/A      | 6.56  |
| 13                           | WA   | 04                                | 00                          | 01    | 08    | 22    | 48    | 16     | 01              | 13       | N/A           | N/A      | 6.86  |
| 01                           | WC   | 00                                | 00                          | 04    | 18    | 78    | 00    | 00     | 00              | 01       | N/A           | N/A      | 5.18  |
| 13                           | WC   | 04                                | 00                          | 02    | 14    | 79    | 00    | 00     | 00              | 13       | N/A           | N/A      | 5.13  |
| <b>Total Students Tested</b> |      |                                   | <b>136616</b>               |       |       |       |       |        |                 |          | <b>136616</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  
 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: 06/20/06



**OHIO GRADUATION TESTS  
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STATE PUBLIC SCHOOLS  
MARCH 2006**

GRADE: 10

| SCIENCE                               |      |      |                             |       |       |       |       |            |        |                 |            |       |      |               |          |       |  |
|---------------------------------------|------|------|-----------------------------|-------|-------|-------|-------|------------|--------|-----------------|------------|-------|------|---------------|----------|-------|--|
| Multiple Choice Items                 |      |      | Percent Responding          |       |       |       |       |            |        | Percent Correct |            |       |      |               |          |       |  |
| Item                                  | Std. | Bmk. | **                          | (A)   | (B)   | (C)   | (D)   | Item       | School | District        | State      |       |      |               |          |       |  |
| 01                                    | ES   | E    | 00                          | 79*   | 04    | 06    | 10    | 01         | N/A    | N/A             | 79         |       |      |               |          |       |  |
| 06                                    | ES   | A    | 00                          | 05    | 04    | 28    | 62*   | 06         | N/A    | N/A             | 62         |       |      |               |          |       |  |
| 24                                    | ES   | B    | 00                          | 24    | 43*   | 18    | 14    | 24         | N/A    | N/A             | 43         |       |      |               |          |       |  |
| 28                                    | ES   | C    | 00                          | 13    | 16    | 52*   | 18    | 28         | N/A    | N/A             | 52         |       |      |               |          |       |  |
| 29                                    | ES   | B    | 00                          | 04    | 13    | 80*   | 04    | 29         | N/A    | N/A             | 80         |       |      |               |          |       |  |
| 30                                    | ES   | B    | 00                          | 20    | 05    | 03    | 72*   | 30         | N/A    | N/A             | 72         |       |      |               |          |       |  |
| 34                                    | ES   | F    | 00                          | 11    | 76*   | 08    | 05    | 34         | N/A    | N/A             | 76         |       |      |               |          |       |  |
| 39                                    | ES   | E    | 00                          | 21    | 06    | 63*   | 10    | 39         | N/A    | N/A             | 63         |       |      |               |          |       |  |
| 02                                    | LS   | F    | 00                          | 55*   | 17    | 21    | 07    | 02         | N/A    | N/A             | 55         |       |      |               |          |       |  |
| 03                                    | LS   | F    | 00                          | 10    | 18    | 29    | 43*   | 03         | N/A    | N/A             | 43         |       |      |               |          |       |  |
| 04                                    | LS   | F    | 00                          | 09    | 23    | 62*   | 07    | 04         | N/A    | N/A             | 62         |       |      |               |          |       |  |
| 08                                    | LS   | H    | 00                          | 04    | 41    | 47*   | 09    | 08         | N/A    | N/A             | 47         |       |      |               |          |       |  |
| 09                                    | LS   | C    | 00                          | 46*   | 14    | 34    | 06    | 09         | N/A    | N/A             | 46         |       |      |               |          |       |  |
| 15                                    | LS   | D    | 00                          | 68*   | 11    | 07    | 14    | 15         | N/A    | N/A             | 68         |       |      |               |          |       |  |
| 23                                    | LS   | A    | 00                          | 24    | 47*   | 12    | 17    | 23         | N/A    | N/A             | 47         |       |      |               |          |       |  |
| 35                                    | LS   | H    | 00                          | 35*   | 08    | 15    | 42    | 35         | N/A    | N/A             | 35         |       |      |               |          |       |  |
| 36                                    | LS   | F    | 00                          | 40    | 32*   | 15    | 13    | 36         | N/A    | N/A             | 32         |       |      |               |          |       |  |
| 38                                    | LS   | H    | 00                          | 29    | 42*   | 18    | 11    | 38         | N/A    | N/A             | 42         |       |      |               |          |       |  |
| 05                                    | PS   | D    | 00                          | 85*   | 09    | 03    | 03    | 05         | N/A    | N/A             | 85         |       |      |               |          |       |  |
| 12                                    | PS   | F    | 00                          | 08    | 27    | 50*   | 14    | 12         | N/A    | N/A             | 50         |       |      |               |          |       |  |
| 22                                    | PS   | F    | 00                          | 06    | 11    | 51*   | 32    | 22         | N/A    | N/A             | 51         |       |      |               |          |       |  |
| 26                                    | PS   | C    | 00                          | 07    | 59*   | 23    | 10    | 26         | N/A    | N/A             | 59         |       |      |               |          |       |  |
| 27                                    | PS   | A    | 00                          | 05    | 03    | 91*   | 02    | 27         | N/A    | N/A             | 91         |       |      |               |          |       |  |
| 32                                    | PS   | E    | 00                          | 05    | 12    | 76*   | 07    | 32         | N/A    | N/A             | 76         |       |      |               |          |       |  |
| 33                                    | PS   | G    | 00                          | 08    | 14    | 72*   | 05    | 33         | N/A    | N/A             | 72         |       |      |               |          |       |  |
| 41                                    | PS   | D    | 00                          | 04    | 05    | 06    | 85*   | 41         | N/A    | N/A             | 85         |       |      |               |          |       |  |
| 42                                    | PS   | H    | 00                          | 74*   | 10    | 06    | 09    | 42         | N/A    | N/A             | 74         |       |      |               |          |       |  |
| 44                                    | PS   | D    | 01                          | 04    | 45*   | 23    | 28    | 44         | N/A    | N/A             | 45         |       |      |               |          |       |  |
| 11                                    | SI   | A    | 00                          | 54*   | 22    | 14    | 10    | 11         | N/A    | N/A             | 54         |       |      |               |          |       |  |
| 14                                    | SI   | A    | 00                          | 13    | 58*   | 16    | 13    | 14         | N/A    | N/A             | 58         |       |      |               |          |       |  |
| 10                                    | SK   | A    | 00                          | 04    | 08    | 81*   | 07    | 10         | N/A    | N/A             | 81         |       |      |               |          |       |  |
| 40                                    | ST   | A    | 00                          | 14    | 22    | 52*   | 12    | 40         | N/A    | N/A             | 52         |       |      |               |          |       |  |
| <b>Field Test Items 16 through 21</b> |      |      |                             |       |       |       |       |            |        |                 |            |       |      |               |          |       |  |
| 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 |      |               |          |       |  |
| 37                                    | LS   | G    | 04                          | 21    | 12    | 20    | 13    | 30         | 37     | N/A             | N/A        | 1.05  |      |               |          |       |  |
| 43                                    | PS   | D    | 03                          | 14    | 09    | 29    | 12    | 32         | 43     | N/A             | N/A        | 1.16  |      |               |          |       |  |
| 13                                    | SI   | A    | 04                          | 56    | 12    | 15    | 06    | 07         | 13     | N/A             | N/A        | 0.44  |      |               |          |       |  |
| 07                                    | SK   | C    | 03                          | 07    | 10    | 44    | 21    | 16         | 07     | N/A             | N/A        | 1.12  |      |               |          |       |  |
| 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 |  |
| 31                                    | ES   | D    | 05                          | 06    | 06    | 20    | 18    | 25         | 11     | 05              | 03         | 02    | 31   | N/A           | N/A      | 1.61  |  |
| 25                                    | ST   | B    | 04                          | 15    | 03    | 07    | 06    | 20         | 07     | 07              | 11         | 22    | 25   | N/A           | N/A      | 2.19  |  |
| <b>Total Students Tested</b>          |      |      | <b>137412</b>               |       |       |       |       |            |        |                 |            |       |      | <b>137412</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 -- #16 through 21 - 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: 06/20/06



**OHIO GRADUATION TESTS  
ITEM ANALYSIS  
STATE PUBLIC SCHOOLS  
MARCH 2006**

GRADE: **10**

| <b>SOCIAL STUDIES</b>                 |      |      |                             |       |       |       |       |       |                 |          |          |       |            |               |          |       |
|---------------------------------------|------|------|-----------------------------|-------|-------|-------|-------|-------|-----------------|----------|----------|-------|------------|---------------|----------|-------|
| Multiple Choice Items                 |      |      | Percent Responding          |       |       |       |       | Item  | Percent Correct |          |          |       |            |               |          |       |
| Item                                  | Std. | Bmk. | **                          | (A)   | (B)   | (C)   | (D)   |       | School          | District | State    |       |            |               |          |       |
| 34                                    | CI   | A    | 00                          | 18    | 10    | 59*   | 13    | 34    | N/A             | N/A      | 59       |       |            |               |          |       |
| 44                                    | CI   | B    | 00                          | 67*   | 18    | 07    | 08    | 44    | N/A             | N/A      | 67       |       |            |               |          |       |
| 07                                    | EC   | B    | 00                          | 03    | 25    | 09    | 63*   | 07    | N/A             | N/A      | 63       |       |            |               |          |       |
| 39                                    | EC   | A    | 00                          | 20    | 48*   | 22    | 09    | 39    | N/A             | N/A      | 48       |       |            |               |          |       |
| 04                                    | GE   | B    | 00                          | 03    | 88*   | 03    | 06    | 04    | N/A             | N/A      | 88       |       |            |               |          |       |
| 11                                    | GE   | C    | 00                          | 10    | 71*   | 10    | 09    | 11    | N/A             | N/A      | 71       |       |            |               |          |       |
| 22                                    | GE   | A    | 00                          | 12    | 06    | 73*   | 09    | 22    | N/A             | N/A      | 73       |       |            |               |          |       |
| 38                                    | GE   | A    | 00                          | 07    | 10    | 10    | 73*   | 38    | N/A             | N/A      | 73       |       |            |               |          |       |
| 08                                    | GO   | B    | 00                          | 04    | 05    | 88*   | 03    | 08    | N/A             | N/A      | 88       |       |            |               |          |       |
| 26                                    | GO   | A    | 00                          | 07    | 03    | 72*   | 17    | 26    | N/A             | N/A      | 72       |       |            |               |          |       |
| 43                                    | GO   | B    | 00                          | 82*   | 05    | 08    | 05    | 43    | N/A             | N/A      | 82       |       |            |               |          |       |
| 01                                    | HI   | F    | 00                          | 13    | 03    | 08    | 76*   | 01    | N/A             | N/A      | 76       |       |            |               |          |       |
| 05                                    | HI   | B    | 00                          | 04    | 43*   | 50    | 03    | 05    | N/A             | N/A      | 43       |       |            |               |          |       |
| 09                                    | HI   | C    | 00                          | 09    | 24    | 56*   | 11    | 09    | N/A             | N/A      | 56       |       |            |               |          |       |
| 15                                    | HI   | A    | 00                          | 08    | 12    | 75*   | 04    | 15    | N/A             | N/A      | 75       |       |            |               |          |       |
| 27                                    | HI   | C    | 00                          | 48*   | 11    | 22    | 18    | 27    | N/A             | N/A      | 48       |       |            |               |          |       |
| 33                                    | HI   | B    | 00                          | 11    | 07    | 15    | 67*   | 33    | N/A             | N/A      | 67       |       |            |               |          |       |
| 35                                    | HI   | D    | 00                          | 65*   | 13    | 14    | 08    | 35    | N/A             | N/A      | 65       |       |            |               |          |       |
| 40                                    | HI   | E    | 00                          | 75*   | 07    | 06    | 12    | 40    | N/A             | N/A      | 75       |       |            |               |          |       |
| 03                                    | PE   | A    | 00                          | 70*   | 02    | 01    | 28    | 03    | N/A             | N/A      | 70       |       |            |               |          |       |
| 10                                    | PE   | C    | 00                          | 04    | 05    | 15    | 76*   | 10    | N/A             | N/A      | 76       |       |            |               |          |       |
| 14                                    | PE   | B    | 00                          | 69*   | 09    | 15    | 07    | 14    | N/A             | N/A      | 69       |       |            |               |          |       |
| 25                                    | PE   | B    | 00                          | 79*   | 06    | 12    | 02    | 25    | N/A             | N/A      | 79       |       |            |               |          |       |
| 29                                    | PE   | C    | 00                          | 09    | 10    | 63*   | 17    | 29    | N/A             | N/A      | 63       |       |            |               |          |       |
| 32                                    | PE   | A    | 00                          | 15    | 63*   | 11    | 11    | 32    | N/A             | N/A      | 63       |       |            |               |          |       |
| 02                                    | SO   | B    | 00                          | 04    | 04    | 90*   | 02    | 02    | N/A             | N/A      | 90       |       |            |               |          |       |
| 13                                    | SO   | B    | 00                          | 21    | 10    | 10    | 59*   | 13    | N/A             | N/A      | 59       |       |            |               |          |       |
| 23                                    | SO   | A    | 00                          | 57*   | 11    | 17    | 14    | 23    | N/A             | N/A      | 57       |       |            |               |          |       |
| 28                                    | SO   | A    | 00                          | 14    | 12    | 36*   | 37    | 28    | N/A             | N/A      | 36       |       |            |               |          |       |
| 31                                    | SO   | A    | 00                          | 18    | 74*   | 06    | 02    | 31    | N/A             | N/A      | 74       |       |            |               |          |       |
| 37                                    | SO   | A    | 00                          | 03    | 08    | 08    | 80*   | 37    | N/A             | N/A      | 80       |       |            |               |          |       |
| 41                                    | SO   | B    | 00                          | 03    | 06    | 15    | 75*   | 41    | N/A             | N/A      | 75       |       |            |               |          |       |
| <b>Field Test Items 16 through 21</b> |      |      |                             |       |       |       |       |       |                 |          |          |       |            |               |          |       |
| 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 |            |               |          |       |
| 42                                    | CI   | A    | 05                          | 11    | 04    | 17    | 11    | 51    | 42              | N/A      | N/A      | 1.37  |            |               |          |       |
| 24                                    | HI   | F    | 04                          | 22    | 12    | 18    | 17    | 27    | 24              | N/A      | N/A      | 1.04  |            |               |          |       |
| 36                                    | PE   | A    | 07                          | 28    | 07    | 50    | 04    | 05    | 36              | N/A      | N/A      | 0.69  |            |               |          |       |
| 06                                    | SO   | B    | 02                          | 20    | 06    | 60    | 06    | 05    | 06              | N/A      | N/A      | 0.83  |            |               |          |       |
| 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 |
| 30                                    | EC   | B    | 08                          | 40    | 09    | 15    | 03    | 09    | 03              | 06       | 03       | 04    | 30         | N/A           | N/A      | 0.94  |
| 12                                    | HI   | E    | 07                          | 16    | 08    | 20    | 12    | 17    | 07              | 06       | 03       | 03    | 12         | N/A           | N/A      | 1.34  |
| <b>Total Students Tested</b>          |      |      | <b>136869</b>               |       |       |       |       |       |                 |          |          |       |            | <b>136869</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 -- #16 through 21 - 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: 06/20/06