### NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION IN TRACE Reports

# Pre-Formatted Reports: Benchmark Test Item Analysis - New Format

#### **Data Selections**

Institution(s): Middle School, All Schools

Benchmark Administration: 03/24/15, 2014-15 BA2 6th Social Studies

Trend Profile: 2014-2015 Subject: Social Sciences and History Test Focus: All Test Focuses Test Level: 06

**Test Category:** District Benchmark

**Grade:** 06 **Enrollment:** Current

Number of questions: 20

Number of test-taking students: 1285

#### **Student Responses**

|                      | Correct | Correct |            | Most Common<br>Mistake |                | Daint                  | Points         | P-<br>Value/       | Disadedicati |
|----------------------|---------|---------|------------|------------------------|----------------|------------------------|----------------|--------------------|--------------|
| Question - Type      | Rate    | Value   | Total Rate | te Rate Value          | Point<br>Value | Achieved /<br>Possible | Item<br>Mean   | Discriminati<br>on |              |
| 1 - Multiple Choice  | 24%     | С       | 76%        | 48%                    | D              | 5                      | 1525 /<br>6425 | 0.24               | 0.13         |
| 2 - Multiple Choice  | 53%     | D       | 47%        | 17%                    | С              | 5                      | 3400 /<br>6425 | 0.53               | 0.46         |
| 3 - Multiple Choice  | 57%     | В       | 43%        | 26%                    | С              | 5                      | 3680 /<br>6425 | 0.57               | 0.44         |
| 4 - Multiple Choice  | 63%     | С       | 37%        | 21%                    | В              | 5                      | 4020 /<br>6425 | 0.62               | 0.31         |
| 5 - Multiple Choice  | 62%     | D       | 38%        | 18%                    | С              | 5                      | 3955 /<br>6425 | 0.61               | 0.49         |
| 6 - Multiple Choice  | 53%     | A       | 47%        | 25%                    | В              | 5                      | 3430 /<br>6425 | 0.53               | 0.42         |
| 7 - Multiple Choice  | 47%     | A       | 53%        | 25%                    | С              | 5                      | 3000 /<br>6425 | 0.47               | 0.41         |
| 8 - Multiple Choice  | 65%     | В       | 35%        | 17%                    | A              | 5                      | 4205 /<br>6425 | 0.65               | 0.45         |
| 9 - Multiple Choice  | 31%     | A       | 69%        | 35%                    | D              | 5                      | 1965 /<br>6425 | 0.31               | 0.32         |
| 10 - Multiple Choice | 76%     | D       | 24%        | 8%                     | С              | 5                      | 4880 /<br>6425 | 0.76               | 0.47         |
| 11 - Multiple Choice | 66%     | D       | 34%        | 17%                    | A              | 5                      | 4225 /<br>6425 | 0.65               | 0.41         |
| 12 - Multiple Choice | 50%     | D       | 50%        | 27%                    | С              | 5                      | 3185 /<br>6425 | 0.49               | 0.31         |
| 13 - Multiple Choice | 43%     | D       | 57%        | 25%                    | A              | 5                      | 2745 /<br>6425 | 0.43               | 0.44         |

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| 14 - Multiple Choice | 20% | D | 80% | 69% | В | 5 | 1260 /<br>6425 | 0.20 | -0.02 |
|----------------------|-----|---|-----|-----|---|---|----------------|------|-------|
| 15 - Multiple Choice | 64% | Α | 36% | 12% | В | 5 | 4110 /<br>6425 | 0.64 | 0.48  |
| 16 - Multiple Choice | 57% | С | 43% | 26% | Α | 5 | 3635 /<br>6425 | 0.57 | 0.36  |
| 17 - Multiple Choice | 47% | С | 53% | 26% | A | 5 | 3035 /<br>6425 | 0.47 | 0.46  |
| 18 - Multiple Choice | 21% | D | 79% | 35% | A | 5 | 1380 /<br>6425 | 0.21 | 0.20  |
| 19 - Multiple Choice | 40% | D | 60% | 21% | A | 5 | 2595 /<br>6425 | 0.40 | 0.45  |
| 20 - Multiple Choice | 48% | В | 52% | 19% | A | 5 | 3080 /<br>6425 | 0.48 | 0.34  |
| Summary              | 49% |   | 51% |     |   |   | 3166 /<br>6425 |      |       |

P-value represents an item's difficulty as evaluated by dividing the total number of correct responses by the total number of students tested. P-value is calculated for true/false, multiple choice, gridded or hot spot-single response items.

Item Mean is the average score for student responses to an open response question or to a multi-part question. Item Mean is calculated for inline response, matching or hot spot-multiple selections items.

Discrimination or Item Total Score Correlation is the correlation between the question score and the overall test score and indicates the extent to which success on an item corresponds to success on the test.

| Standarde  | Alianmont    | to NC | Eccontial  | Standards   |
|------------|--------------|-------|------------|-------------|
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| Question            | ID             | Standard Description  |
|---------------------|----------------|---|
| 1 - Multiple Choice | NCES.6.H.2.3   | Explain how innovation and/or technology transformed civilizations, societies and regions over time (e.g. agricultural technology, weaponry, transportation and communication).   |
| 2 - Multiple Choice | NCES.6.G.1.2   | Explain the factors that influenced the movement of people, goods, and ideas and the effects of that movement on societies and regions over time (e.g. scarcity of resources, conquests, desire for wealth, disease and trade). |
| 3 - Multiple Choice | NCES.6.EC.1.2  | Explain how quality of life is impacted by economic choices of civilizations, societies and regions.  |
| 4 - Multiple Choice | NCES.6.G.1.4   | Explain how and why civilizations, societies and regions have used, modified and adapted to their environments (e.g. invention of tools, domestication of plants and animals, farming techniques and creation of dwellings).    |
| 5 - Multiple Choice | NCES.6.C.1.2   | Explain how religion transformed various societies, civilizations and regions (e.g. beliefs, practices and spread of Buddhism, Christianity, Confucianism, Hinduism, Islam, and Judaism).                                       |
| 6 - Multiple Choice | NCES.6.G.1.4   | Explain how and why civilizations, societies and regions have used, modified and adapted to their environments (e.g. invention of tools, domestication of plants and animals, farming techniques and creation of dwellings).    |
| 7 - Multiple Choice | NCES.6.C&G.1.1 | Explain the origins and structures of various governmental systems (e.g. democracy, absolute monarchy and constitutional monarchy).   |
| 8 - Multiple Choice | NCES.6.C.1.2   | Explain how religion transformed various societies, civilizations and regions (e.g. beliefs, practices and spread of Buddhism, Christianity,  |

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|                                     | Confucianism, Hinduism, Islam, and Judaism).  |
|-------------------------------------|---|
| 9 - Multiple Choice NCES.6.H.1.3    | Use primary and secondary sources to interpret various historical perspectives.   |
| 10 - Multiple Choice NCES.6.H.1.3   | Use primary and secondary sources to interpret various historical perspectives.   |
| 11 - Multiple Choice NCES.6.G.1.2   | Explain the factors that influenced the movement of people, goods, and ideas and the effects of that movement on societies and regions over time (e.g. scarcity of resources, conquests, desire for wealth, disease and trade). |
| 12 - Multiple Choice NCES.6.G.1.4   | Explain how and why civilizations, societies and regions have used, modified and adapted to their environments (e.g. invention of tools, domestication of plants and animals, farming techniques and creation of dwellings).    |
| 13 - Multiple Choice NCES.6.G.1.2   | Explain the factors that influenced the movement of people, goods, and ideas and the effects of that movement on societies and regions over time (e.g. scarcity of resources, conquests, desire for wealth, disease and trade). |
| 14 - Multiple Choice NCES.6.C.1.2   | Explain how religion transformed various societies, civilizations and regions (e.g. beliefs, practices and spread of Buddhism, Christianity, Confucianism, Hinduism, Islam, and Judaism).                                       |
| 15 - Multiple Choice NCES.6.G.1.3   | Compare distinguishing characteristics of various world regions (e.g. physical features, culture, political organization and ethnic make-up).   |
| 16 - Multiple Choice NCES.6.C&G.1.1 | Explain the origins and structures of various governmental systems (e.g. democracy, absolute monarchy and constitutional monarchy).   |
| 17 - Multiple Choice NCES.6.C&G.1.1 | Explain the origins and structures of various governmental systems (e.g. democracy, absolute monarchy and constitutional monarchy).   |
| 18 - Multiple Choice NCES.6.C.1.2   | Explain how religion transformed various societies, civilizations and regions (e.g. beliefs, practices and spread of Buddhism, Christianity, Confucianism, Hinduism, Islam, and Judaism).                                       |
| 19 - Multiple Choice NCES.6.G.1.4   | Explain how and why civilizations, societies and regions have used, modified and adapted to their environments (e.g. invention of tools, domestication of plants and animals, farming techniques and creation of dwellings).    |
| 20 - Multiple Choice NCES.6.C.1.3   | Summarize systems of social structure within various civilizations and societies over time (e.g. Roman class structure, Indian caste system and feudal, matrilineal and patrilineal societies).                                 |