HEALTH INFORMATICS – COURSE 2

Test Code: 9053
Version: 01

Specific Competencies and Skills Tested in this Assessment:

Information about the AC course standards can be found in the front of the AC course teacher guide.

CTE
Accurately collect, analyze, code, and categorize data using a database, using a variety of data col
Demonstrate understanding of disease acquisition, transmission, and prevention using epidemiological
Identify and use best practices in developing, using, and storing electronic health records.
CTE
Design a database to collect and share information for use in the health informatics field.
CTE
Describe principles of workflow. CTE
Describe processes of workflow. CTE
Identify and use appropriate privacy laws. CTE
Identify and use terminology in the health informatics field. CTE
Identify health industry organizations, including public and private health care, and the role of in
2c CTE
3c CTE
3e CTE
CT-1b CTE
CT-2b CTE
CT-3b CTE
CT-3c CTE
CT-3d CTE
CT-1d & 3a CTE
CT-3.d & 3f CTE
Health Informatics – Course 2 (continued)

**Literacy**
RI.9-10.2 Literacy  
W.9-10.2a Literacy  
CCSS.ELA-Literacy.RI.9-10.4 Literacy  
CCSS.ELA-Literacy.RI.9-10.5 Literacy  
CCSS.ELA-Literacy.RI.9-10.1 Literacy  
CCSS.ELA-Literacy.W.9-10.1a Literacy  
CCSS.ELA-Literacy.W.9-10.1e Literacy  
CCSS.ELA-Literacy.W.9-10.2b Literacy  
CCSS.ELA-Literacy.W.9-10.2d Literacy  
CCSS.ELA-Literacy.W.9-10.4 Literacy

**Math**
ACED1, AREI3 Math  
FLE1 Math  
FLE5 Math  
NQ1 Math  
SIC1 Math  
SIC.6 Math  
SID1 Math  
SID2 Math  
SID3 Math  
SID4 Math  
SID5 Math  
SID7 Math

**Science**
Identify questions and concepts that guide scientific investigations. Science  
Communicate and support scientific argument. Science  
Obtaining, evaluating, and communicating information. Science  
Planning and carrying out investigations. Science  
Analyzing and interpreting data. Science  
Obtaining and communicating information. Science  
Asking questions and defining problems. Science  
Using mathematics and computational trends. Science  
Recognize and analyze explanations and models. Science
Written Assessment:

Administration Time: unlimited
Number of Questions: 72

Areas covered:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>46%</td>
<td>CTE</td>
</tr>
<tr>
<td>21%</td>
<td>Literacy</td>
</tr>
<tr>
<td>18%</td>
<td>Math</td>
</tr>
<tr>
<td>15%</td>
<td>Science</td>
</tr>
</tbody>
</table>

Sample Questions:

In studying multiple sclerosis, why is prevalence easier to determine than incidence?
A. It is difficult to obtain historical data
B. Some patients have died during the period in question
C. Multiple sclerosis is a relatively new disease
D. Multiple sclerosis is difficult to diagnose

What is hematocrit?
A. A ratio of RBCs to WBCs
B. A ratio of WBCs to RBCs
C. A ratio of plasma to RBCs
D. A ratio of packed RBCs to the total blood volume of centrifuged blood

How much blood does the average adult body contain?
A. Two to four quarts
B. Four to six quarts
C. Six to eight pints
D. Three to four gallons

The online testing system provides a built-in, five-function calculator. However, a scientific calculator is recommended for this assessment.