The University of the State of New York
REGENTS HIGH SCHOOL EXAMINATION

PHYSICAL SETTING
EARTH SCIENCE

Wednesday, January 26, 2005 — 1:15 to 4:15 p.m., only

ANSWER BOOKLET

Performance Test Score
(Maximum Score: 23)

<table>
<thead>
<tr>
<th>Part</th>
<th>Maximum Score</th>
<th>Student's Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>B–1</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>B–2</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

Total Written Test Score
(Maximum Raw Score: 85)

Final Score
(from conversion chart)

Raters' Initials:
Rater 1 ............ Rater 2 ...........

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Answer all questions in Part B–2 and Part C. Record your answers in this booklet.

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Part B–2

51

January 4
winter in the
Northern
Hemisphere

147,600,000 km

Sun

152,600,000 km

July 4
summer in the
Northern
Hemisphere

(Not drawn to scale)

Key

- - - Revolution

& Rotation

52

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For Raters Only

51

52
Gradient =

For Raters Only

Epoch
For Raters Only

West

Oceanic crust
Rigid mantle
Asthenosphere

East

Continental crust
Rigid mantle
Asthenosphere

Cascade volcanic mountains

(Not drawn to scale)

Material After Two Half-Lives

<table>
<thead>
<tr>
<th>Key</th>
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<tbody>
<tr>
<td>Radioactive element</td>
</tr>
<tr>
<td>Stable decay element</td>
</tr>
</tbody>
</table>

61 ______________ years

62 (1) ____________________________________________

(2) ____________________________________________

Total Score for Part B–2
Mineral | Name of Mineral
--- | ---
A |   
B |   
C |   

and

Total Score for Part C