

**PHYSICAL SETTING
 EARTH SCIENCE**

Tuesday, June 22, 2010 — 9:15 a.m. to 12:15 p.m., only

ANSWER BOOKLET

Male

Student Sex: Female

Teacher

School Grade

Answer all questions in this examination. Record your answers in this booklet.

Part A

- | | | |
|----------|----------|----------|
| 1 | 13 | 25 |
| 2 | 14 | 26 |
| 3 | 15 | 27 |
| 4 | 16 | 28 |
| 5 | 17 | 29 |
| 6 | 18 | 30 |
| 7 | 19 | 31 |
| 8 | 20 | 32 |
| 9 | 21 | 33 |
| 10 | 22 | 34 |
| 11 | 23 | 35 |
| 12 | 24 | |

Part A Score

**Performance Test Score
 (Maximum Score: 16)**

Part	Maximum Score	Student's Score
A	35	
B-1	15	
B-2	15	
C	20	

**Total Written Test Score
 (Maximum Raw Score: 85)**

**Final Score
 (from conversion chart)**

Raters' Initials:

Rater 1 **Rater 2**

Part B-1

- | | |
|----------|----------|
| 36 | 44 |
| 37 | 45 |
| 38 | 46 |
| 39 | 47 |
| 40 | 48 |
| 41 | 49 |
| 42 | 50 |
| 43 | |

Part B-1 Score

The declaration below must be signed when you have completed the examination.

I do hereby affirm, at the close of this examination, that I had no unlawful knowledge of the questions or answers prior to the examination and that I have neither given nor received assistance in answering any of the questions during the examination.

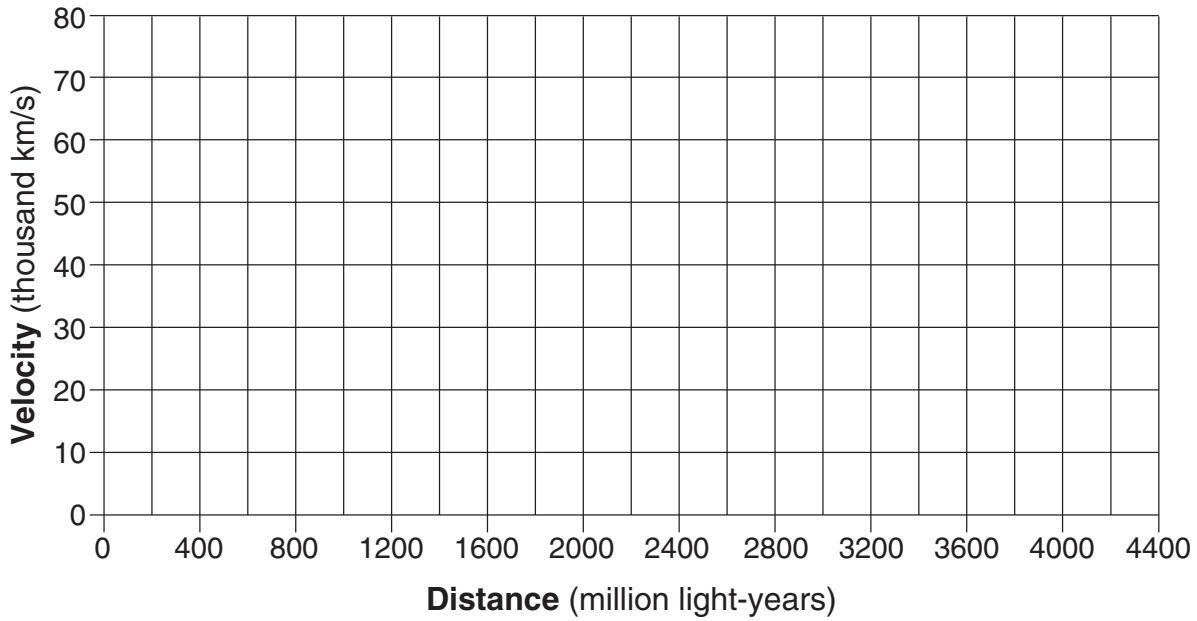
Signature

Part B-2

For Raters Only

51

Velocity Versus Distance



51

52

52

53

_____ million light-years

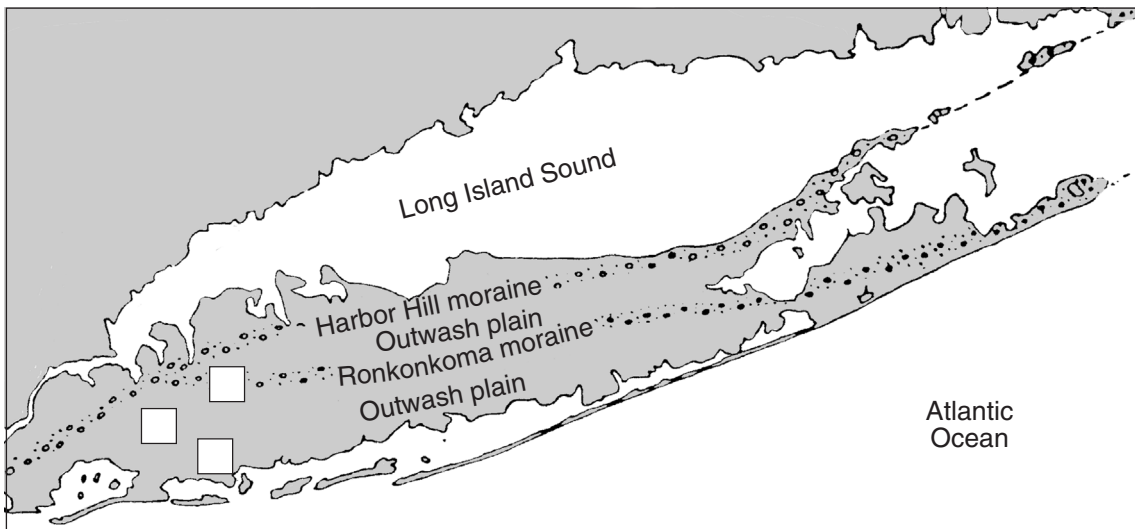
53

54

54

55

Map C



55

**For Raters
Only**

56 _____

56

57 _____

57

58 _____ **Period**

58

59 _____

59

60 _____

60

61 _____

61

62 _____ **Plate** and _____ **Plate**

62

63 _____

63

64 _____

64

65 Latitude: _____

65

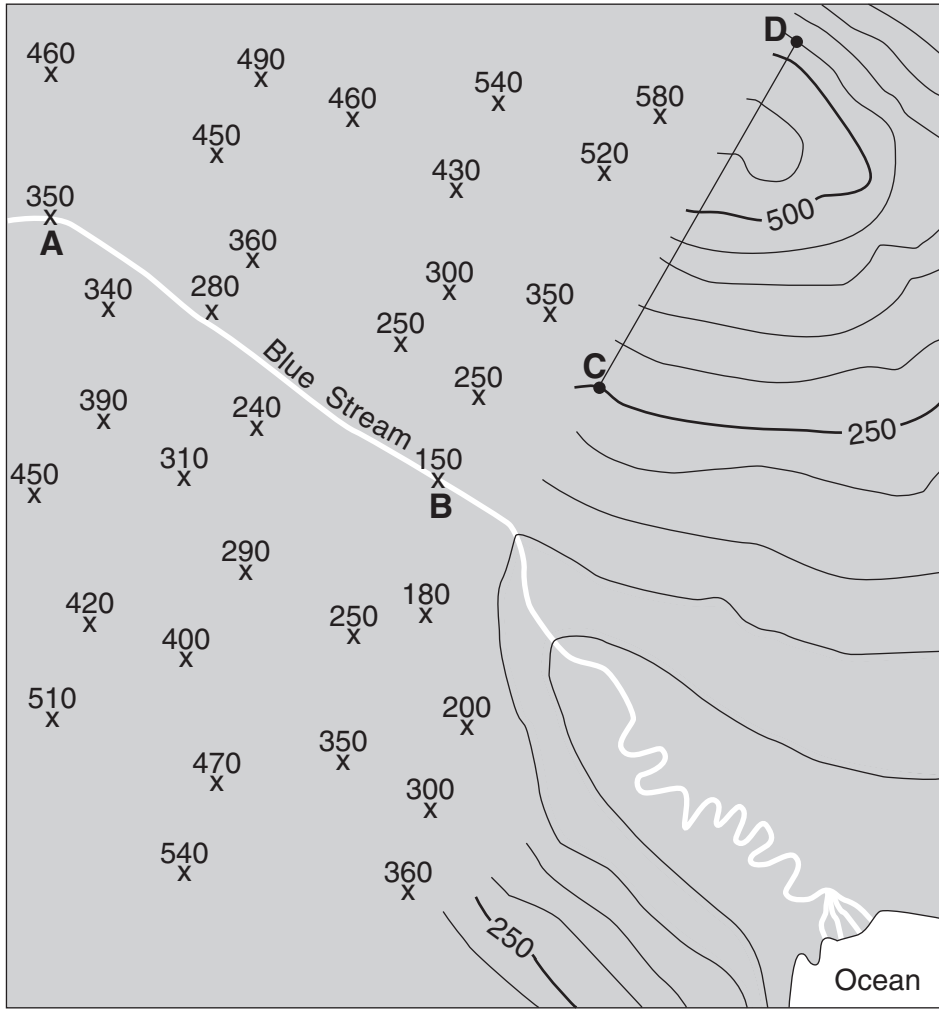
Longitude: _____

**Total Score for
Part B-2**

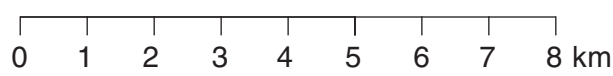
Part C

For Raters Only

66-67



Contour interval = 50 meters



66

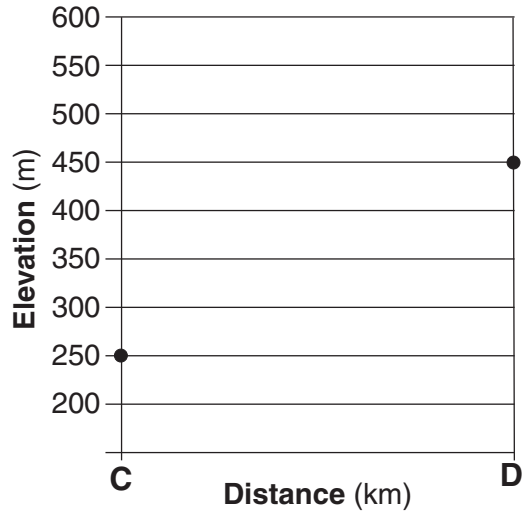
67

68 _____

68

For Raters Only

69



69

70

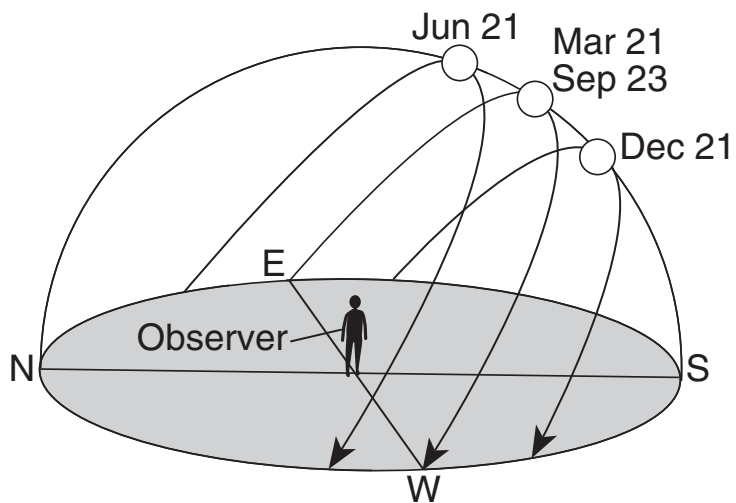
70

71

71

72

Location B



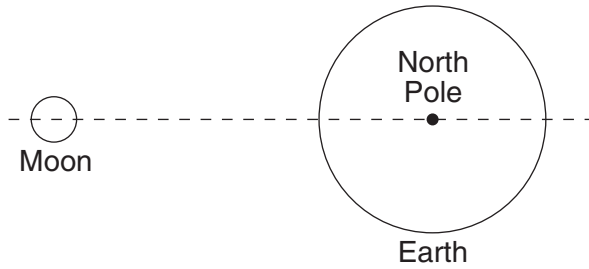
72

73

_____ h

73

74



(Not drawn to scale)

74

75

75

76

_____ s

76

77

77

78

78

79

79

80

80

81

81

**For Raters
Only**

82 Air temperature: _____°F

Dewpoint: _____°F

Wind direction from: _____

Wind speed: _____ knots

Cloud cover: _____ %

82

83 Temperature: _____

Humidity: _____

83

84 _____

84

85 _____

85

**Total Score
for Part C**

