

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

# PHYSICAL SETTING CHEMISTRY

Friday, June 16, 2023 — 1:15 to 4:15 p.m.

## ANSWER BOOKLET

Student .....

Teacher .....

School ..... Grade .....

**Record your answers for Part B–2 and Part C in this booklet.**

### Part B–2

51 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

52 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

53

54 \_\_\_\_\_

55 From \_\_\_\_\_ to \_\_\_\_\_

56

57 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

58

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59

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60

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61 From \_\_\_\_\_ to \_\_\_\_\_

62

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63

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64 \_\_\_\_\_

65

**Part C**

66 \_\_\_\_\_

67 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

68 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

69 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

70 \_\_\_\_\_ %

71 \_\_\_\_\_  $\text{NH}_3(\text{g})$  + \_\_\_\_\_  $\text{O}_2(\text{g}) \rightarrow$  \_\_\_\_\_  $\text{NO}(\text{g})$  + \_\_\_\_\_  $\text{H}_2\text{O}(\text{g})$  + heat

72

73 \_\_\_\_\_ mol

74 CO<sub>2</sub>: \_\_\_\_\_

H<sub>2</sub>O: \_\_\_\_\_

75

76 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

77 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

78 \_\_\_\_\_

79 \_\_\_\_\_

80 \_\_\_\_\_

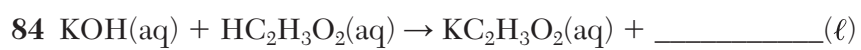
\_\_\_\_\_

\_\_\_\_\_

81 \_\_\_\_\_

82 \_\_\_\_\_

83 \_\_\_\_\_



85 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

P.S./CHEMISTRY

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