

FOR TEACHERS ONLY

The University of the State of New York

REGENTS HIGH SCHOOL EXAMINATION

THREE-YEAR SEQUENCE FOR HIGH SCHOOL MATHEMATICS COURSE II

Wednesday, June 23, 1999 — 1:15 to 4:15 p.m., only

SCORING KEY

Use only *red* ink or *red* pencil in rating Regents papers. Do not attempt to *correct* the student's work by making insertions or changes of any kind. Use checkmarks to indicate student errors.

Unless otherwise specified, mathematically correct variations in the answers will be allowed. Units need not be given when the wording of the questions allows such omissions.

Part I

Allow a total of 60 credits, 2 credits for each of 30 of the following. [If more than 30 are answered, only the first 30 answered should be considered.] Allow no partial credit. For questions 13–34, allow credit if the student has written the correct answer instead of the numeral 1, 2, 3, or 4.

(1) 2	(11) 9	(21) 2	(31) 3
(2) 15	(12) IV	(22) 1	(32) 4
(3) \overline{FB}	(13) 4	(23) 1	(33) 4
(4) 70	(14) 3	(24) 2	(34) 3
(5) 10	(15) 4	(25) 3	(35) construction
(6) 6	(16) 1	(26) 3	
(7) (6,21)	(17) 3	(27) 1	
(8) 110	(18) 3	(28) 2	
(9) 26	(19) 4	(29) 2	
(10) 7	(20) 2	(30) 1	

[OVER]

Part II

Please refer to the Department's publication *Guide for Rating Regents Examinations in Mathematics*, 1996 Edition. Care should be exercised in making deductions as to whether the error is purely a mechanical one or due to a violation of some principle. A mechanical error generally should receive a deduction of 10 percent, while an error due to a violation of some cardinal principle should receive a deduction ranging from 30 percent to 50 percent, depending on the relative importance of the principle in the solution of the problem.

(36) $(-2,-3), (2,1)$ [8]
 Check [2]

(37) $a -3.5, 4.5$ [5]
 $b \frac{840}{2002}$ [5]

(38) $b S(-2,-7), T(7,-2)$ [3]
 c Yes [1]
 Justification [5]

(39) $a S$ [2]
 $b A$ [2]
 $c E$ [2]
 $d S, L$ [4]

(40) $b 50$ [2]
 $c 31$ [3]
 $d 51$ [2]

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ERRATA SHEET

REGENTS HIGH SCHOOL EXAMINATION

Sequential Mathematics, Course II

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At the start of the Course II examination, please tell students that there is a spelling error in question 38, on page 5 of the examination booklet. The correction should also be written on the chalkboard, if one is available.

In part *c* of question 38, the word printed as “quadrilateral” should be “quadrilateral.”

