Answers to the CSB/SJU Calculus Readiness Exam

The answer to each question is given, followed by the related mathematical topic(s) or concept(s). This can help you plan a program of review in order to be better prepared to succeed in a calculus course. The Math Skills Center http://www1.csbsju.edu/mathskillscenter/Default.htmhas books, computer tutorials, videotaped lessons, and a friendly staff to help you.

If your score on this exam is 13 or more, it is recommended that you take MATH 119 (Calculus I) or MATH 118 (Essential Calculus).

If your score on this exam is 10-12, you may want to consider taking MATH 115 (Pre-Calculus Mathematics) for a review of algebra, trigonometry, functions, and logarithms.

If your score on this exam is 9 or less, it is recommended that you undertake a thorough algebra review before entering a pre-calculus course.

1. A Geometry and Measurement / Word Problems, Modeling
2. D Graphs of Functions / Inequalities, Absolute Value
3. B Word Problems, Modeling / Numerical Awareness / Exponential Functions
4. E Graphs of Functions / Linear Functions
5. C Concept Formulation / Graphs of Functions
6. B Exponents and Logarithms
7. E Graphs of Functions / Quadratic Functions
8. A Exponents and Logarithms
9. C Graphs of Functions / Exponential Functions
10. D Equations and Factoring
11. C Concept Formulation / Numerical Awareness / Exponents
12. D Geometry and Measurement
13. E Functional Notation
14. A Graphs of Functions / Linear Functions
15. B Geometry and Measurement / Graphs of Functions
16. C Equations and Factoring
17. B Geometry and Measurement / Word Problems, Modeling
18. A Inequalities, Absolute Value
19. C Geometry and Measurement / Word Problems, Modeling

20. E Word Problems, Modeling / Concept Formation / Graphs of Functions

21. D Graphs of Functions / Trigonometric Functions

22. B Trigonometry

23. A Trigonometry / Functional Notation

24. E Trigonometry

25. C Trigonometry