# Multiple-Choice Test Solution Links

**Chapter 01.01**
**Introduction to Numerical Methods**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/01aae/quiz_01aae_introduction_answers.pdf
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Introduction
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 01.02**
**Measuring Errors**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/01aae/quiz_01aae_measuringerror_answers.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Measuring Errors
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 01.03**
**Sources of Error**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/01aae/quiz_01aae_sourceserror_answers.pdf
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Sources of Error
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 01.04**
**Binary Representation**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/01aae/quiz_01aae_binaryrepresentation_answers.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Binary Representation
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 01.05**
**Floating Point Representation**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/01aae/quiz_01aae_floatingpoint_answers.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Floating Pt Representation
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 01.06**
**Propagation of Errors**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/01aae/quiz_01aae_propagationerrors_answers.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Propagation of Errors
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 01.07**
**Taylors Series Revisited**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/01aae/quiz_01aae_taylorseries_answers.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Taylor Theorem Revisit
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 02.01**
**A Primer on Differentiation**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/02dif/quiz_02dif_background_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Primer on Differentiation
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 02.02**
**Differentiation of Continuous Functions**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/02dif/quiz_02dif_continuous_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Continuous Function
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 02.03**
**Differentiation of Discrete Functions**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/02dif/quiz_02dif_discrete_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Discrete Function
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 03.01**
**Background Nonlinear Equations**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/03nle/quiz_03nle_background_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Quadratic Equations
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 03.03**
**Bisection Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/03nle/quiz_03nle_bisection_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Bisection Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 03.04**
**Newton-Raphson Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/03nle/quiz_03nle_newton_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Newton-Raphson Meth
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Secant Method**
**Chapter 03.05**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/03nle/quiz_03nle_secant_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Secant Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 04.01**
**Background Simultaneous Linear Equations**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/04sle/quiz_04sle_background_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Intro to Matrix Algebra
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 04.06**
**Gaussian Elimination**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/04sle/quiz_04sle_gaussianelimination_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Gaussian Elimination
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 04.07**
**LU Decomposition Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/04sle/quiz_04sle_ludecomposition_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on LU Decomposition
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 04.08**
**Gauss-Seidel Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/04sle/quiz_04sle_gaussseidal_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Gauss-Seidel Met
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 05.01**
**Background on Interpolation**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/05inp/quiz_05inp_background_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Primer on Interpolation
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 05.02**
**Direct Method of Interpolation**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/05inp/quiz_05inp_direct_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Direct Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 05.03**
**Newton's Divided Difference Polynomial Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/05inp/quiz_05inp_newton_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Newton's Dif Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 05.04**
**Lagrange Method of Interpolation**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/05inp/quiz_05inp_lagrange_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Lagrange Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 05.05**
**Spline Method of Interpolation**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/05inp/quiz_05inp_spline_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Spline Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 06.01**
**Background**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/06reg/quiz_06reg_background_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Primer on Regression
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 06.03**
**Linear Regression**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/06reg/quiz_06reg_linear_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Linear Regression
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 06.04**
**Non-Linear Regression**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/06reg/quiz_06reg_nonlinear_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Nonlinear Regression
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 07.01**
**Background**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/07int/quiz_07int_background_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Integral Calc Primer
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 07.02**
**Trapezoidal Rule**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/07int/quiz_07int_trapcontinous_solution.pdf
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Trapezoidal Rule
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 07.03**
**Simpson's 1/3 Rule**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/07int/quiz_07int_simpson_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Simpson's 1/3rd Rule
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 07.04**
**Romberg Rule**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/07int/quiz_07int_romberg_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Romberg Integration
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 07.05**
**Gauss Quadrature Rule**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/07int/quiz_07int_gaussquadrature_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Gauss-Quad Rule
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 08.01**
**Background**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/08ode/quiz_08ode_background_solution.pdf
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Primer on ODE
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 08.02**
**Euler's Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/08ode/quiz_08ode_euler_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Euler's Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 08.03**
**Runge-Kutta 2nd Order Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/08ode/quiz_08ode_runge2nd_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Runge-Kutta 2nd
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 08.04**
**Runge-Kutta 4th Order Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/08ode/quiz_08ode_runge4th_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Runge-Kutta 4th
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 08.06**
**Shooting Method**
Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/08ode/quiz_08ode_shooting_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Shooting Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.

**Chapter 08.07**
**Finite Difference Method**

Complete solution for this multiple choice test is available at
http://numericalmethods.eng.usf.edu/mcquizzes/08ode/quiz_08ode_finitediff_solution.pdf ,
or
> Go to http://numericalmethods.eng.usf.edu
> Click on Finite Diff Method
> Choose HTML option of the Multiple Choice Test
> Go to the bottom of the page and click on the Complete Solution link.