

Student's ID Number : _____ Student's Name : _____

On my Honour as a student, I have neither given nor received any unauthorized aid on this exam. Signature : _____

QUESTIONS

This is bonus homework. Its grade will be replaced with the lowest grade of your 5 quizzes. Solve the following 4 questions (25 points each) and upload your final work to DYS as a pdf file with the name “q6_stdIDno_name_surname.pdf”. You are free in your homework preparation style (you can prepare handwritten and/or computer written and/or composite style of two) but do not share your any part of your work with your friends. Two identical homeworks will be graded as ZERO points. Do not forget to write your names and student ID numbers in your homeworks.

Question-1) Problem 23.15 (page 671 in the textbook)**Question-2)** Problem 23.19 (page 671 in the textbook)**Question-3)** Problem 22.11 (page 654 in the textbook)**Question-4)** Problem 19.20 (page 562 in the textbook)

Textbook: Steven C. Chapra, Raymond P. Canale, *Numerical Methods for Engineers*, 7th Edition, ISBN 978–0–07–339792–4, McGraw Hill, 2014.