

Name: .....

ID:.....

Section: 1 (2:30pm) 2 (1:30pm)

1. (a) distance (4) \_\_\_\_\_  
(b) smallest number (3) \_\_\_\_\_  
(c) largest value (3) \_\_\_\_\_  
...../10
2. (a) Exact calculation (4) \_\_\_\_\_  
(b) Matlab function (4) \_\_\_\_\_  
(c) stability analysis (7) \_\_\_\_\_  
...../15
3. (a) Conditions and values (6) \_\_\_\_\_  
(b) Lagrange (4) \_\_\_\_\_  
...../10
4. (a) Linear system (6) \_\_\_\_\_  
(b) Spline (6) \_\_\_\_\_  
(c) Graph (3) \_\_\_\_\_  
...../15
5. (a) points (4) \_\_\_\_\_  
(b) lines (4) \_\_\_\_\_  
(c) splines (12) \_\_\_\_\_  
...../20

Total: (70) \_\_\_\_\_

