NOTE: The suggested problems given below go not carry any guarantee that questions in exams will exactly match them. But definitely they will help you to be prepared for your exams.

MAT 350
Engineering Mathematics

Text Books.   1. A First Course in Differential Equations with Modelingand Applications, (10th Edition, Author-Dennis G. Zill.)

       2. Advance Engineering Mathematics- Author: Erwin Kreyszig (10th edition)

Exercises from Reference Book [1]
Exercise: 1.1 Page-10
#8,11,13,14
Exercise: 1.2 Page-18
#11,13,29(a),31(a),32(a)
Exercise: 1.3 Page-28
#5,8,9,10,15

Exercise: 2.2 Page-51
#7,9,11,13,15,18,24,25,36
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Exercise: 2.4 Page-63
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Exercise: 3.1 Page-90
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Exercise: 4.3 Page-137
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Exercise: 4.4 Page-147
#12,17,27,29,30,33
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Exercise: 5.1 Page-205
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Exercise: 7.1 Page-280
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#2,3,8,10,13,16,19,21,22,23,37,38,41,45,48,
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Exercise: 8.1 Page-332
#1,5,7,9,11,14,25,26
Exercise: 8.2 Page-346
#3,5,9,13,14,19,21,25,33,46
Exercise: 8.3 Page-354
#1,2,3,6,7,10, (variation of parameter 12,13,16,19,20).

Exercises from Reference Book [2]
Chp-11, page 474

Exercise: 11.1 Page-482
#6,7,8,9
Exercise: 11.2 Page-490
#8,9,11,15
Exercise: 11.7 Page-517
#1,3,5,11,12,16,19,20
Exercise: 11.8 Page-482