

**PRACTICE QUESTION:**

**COURSE:** DIFFERENTIAL EQUATION

**COURSE CODE:** MT-1006

**SEMESTER:** SPRING 2022

**BOOK NAME:** Dennis G.Zill - A First Course  
in Differential Equations with Modeling  
Applications (2017)

**EDITION:** 11<sup>TH</sup> EDITION

**EXERCISE#1.1:**

Q#1 TO 8

Q#11 TO 14

Q#21 TO 24

Q#31 TO 40

Q#51

**EXERCISE#1.2**

Q#1 TO 16

Q#39 TO 44

**EXERCISE#2.2**

Q#1 TO 28

**EXERCISE#2.3**

Q#1 TO 40

**EXERCISE#2.4**

Q#1 TO 26

Q#31 TO 36

**EXERCISE#2.5**

Q#1 TO 30

**EXERCISE#3.1**

Q#2 TO 4

Q#13 TO 15

Q#31 TO 33

**EXERCISE#3.2**

**LOGISTICS DYNAMICS**

EXAMPLE#1