

## **Preparation for Midterm-1**

- The midterm will be 45 min.
- You will be allowed to have a calculator, equation sheet, and a table for units conversion.
- The only allowed equation sheets during the test **are your own hand written sheets.** Please, have your name and section written on the equation sheet that you will bring to the test.
- A table for units conversion can be either handwritten or photocopied from a book.

## **Important questions and problems to practice before the midterm**

### **Chapter-1**

#### Textbook

Example 1.1, page 8

Stop to think 1.3, page 8

Example 1.7, page 19

Integrated example 1.9, page 21

Conceptual questions and Multiple-choice questions

# 5, 10, 19, 25, 28

Problems

#8, 12, 28, 38

#### Workbook

Questions # 19, 21

### **Chapter-2**

#### Text Book

Example 2.12, page 48

Example 2.13, page 49

Example 2.14, page 51

Conceptual example 2.15, page 51

Conceptual questions and Multiple-choice questions

# 6, 9, 10, 15, 16, 17, 20, 22

#### Problems

# 38, 43, 54

### Workbook

Questions # 18, 21, 23,

### **Chapter-3**

#### Text Book

Example 3.6, page 77

Example 3.7, page 78

Stop to think 3.5, page 78

Conceptual example 3.10, page 80

Example 3.12 page 84

Stop to think 3.8, page 85

Stop to think 3.7, page 82

Example 3.11, page 82

Conceptual questions and Multiple choice questions

# 1, 2, 3, 8, 9, 10, 24

Problems#

16, 18, 19, 20, 21, 27, 31, 32

### Workbook

Questions #38, 39, 40

### **Chapter-4**

#### Text Book

Example 4.5, page 110

Example 4.6 page 111

Stop to think 4.8, page 117

Conceptual questions and Multiple-choice questions

#1, 5, 9, 23, 29

Problems

# 10, 13, 21, 40, 41, 62,

### Workbook

Questions number: 2, 3, 5, 8, 13, 17, 20

### **Chapter-5**

#### Text Book

Example 5.5, page 130

Example 5.11, page 140

Example 5.13, page 141

Example 5.14, page 143

Integrated example 5.20, page 151

Conceptual questions and Multiple-choice questions

#2, 3, 4, 8, 23, 29, 30

Problems

# 4, 7, 11, 14, 15, 24, 26, 34, 49, 50

Workbook

Questions number: 8, 9, 21, 22