605.601— Foundations of Software Engineering Fall 2020

Quiz 02 | Time: 1 Hour

Name: **[Please type your bame here]**

PART ONE

Answer any five questions below.

1. What kind of approach was introduced for elicitation and modelling to give a functional view of the system or software?
   ☐ a) Object Oriented Design
   ☐ b) Use Cases
   ☐ c) Fusion
   ☐ d) Object Modeling Technique

2. A stakeholder is anyone who will purchase the completed software system under development.
   ☐ a) True
   ☐ b) False

3. Which one of the following is not a step of requirement engineering?
   ☐ a) Elicitation
   ☐ b) Design
   ☐ c) Analysis
   ☐ d) Documentation

4. Which model in software modeling using UML depicts the dynamic behavior of the software?
   ☐ a) Context Model
   ☐ b) Object Model
   ☐ c) Data Model
   ☐ d) Sequence Model

5. A Use-case actor is always a person having a role that different people may play.
   ☐ a) True
   ☐ b) False

6. Project management is less important for modern software development since most projects are successful and completed on time

☐ A. True
☐ B. False

PART TWO

7. Please answer in your own words:
   (i)   As a software engineer, do you have any responsibility or accountability to make sure that the software you and your team are developing – must be delivered on time and within budget? Please justify;
   (ii)   If you are a part of an Agile development team, how much importance or attention would you like to offer in order for your team to gather and analyze the requirements? Please explain.