

King Saud University

College of Engineering

GE 105: **Introduction to Engineering Design**

Quiz 2 Solution (Section 3441)

The following paragraph (presented in point format) is extracted from “Waterproof Cellular Phone Design”

Read and answer the question below:

A.	With the explosion of the cell phone market in the last few years, there has been an increasing demand for a waterproof cell phone.
B.	Recent research suggests that liquid related accidents or activities are responsible for more than 20 % of the cell phone damages.
C.	Such frequent occurrence of fluid related accidents of cell phones raises the demand for a waterproof cell phone that is cost-effective and has normal cell phone capabilities.
D.	The ultimate goal of this engineering project is to introduce a new, innovative, aesthetically pleasing, waterproof cell phone to the market that was both affordable and appealing to consumers.
E.	By creating a phone capable of surviving the hazards of an everyday environment, consumers are afforded a luxury that is not currently available in the cell phone industry today, establishing a niche in the market for our product

Circle two letter that indicate best the right answer to the statements given in the table below:

1.	The problem to solve is defined through	A	B	C	D	E
2.	The problem statement of the project is defined through	A	B	C	D	E
3.	The primary objective of the project is defined through	A	B	C	D	E
4.	The success of the project is proven by	A	B	C	D	E