

King Saud University

College of Engineering

GE 105: **Introduction to Engineering Design**

Quiz 2 Solution (Section 3444)

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

Read and answer the question below:

A.	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.
B.	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.
C.	Survivability without compromising the popular functions of current cell phone designs is essential to the success of this project and is kept in mind throughout the entire process.
D.	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
E.	Therefore, the market prospects of waterproof cell phones are positive.

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

1.	Special design requirements are defined through	A	B	C	D	E
2.	The main criteria used for the project are defined through	A	B	C	D	E
3.	The constraints set for the project are defined through	A	B	C	D	E
4.	The primary objective of the project is defined through	A	B	C	D	E