Plan

Section 1 and 2:

1. Descriptive statistics, data analysis and modelling (~2 pages) – (25 marks)
2. Structural Reliability (~2 pages) – (25 marks)

Resources:

* Faber M.H. "Statistics and Probability Theory in Pursuit of Engineering Decision Support". Springer (2012)
* Ang, A. H., & Tang, W. H."Probability concepts in engineering: emphasis on applications to civil and environmental engineering ". John Wiley & Sons Incorporated. (2007)
* Nowak, A. S., & Collins, K. R. " Reliability of structures". CRC press. (2012)

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