

## TASK 1 – CLIENT SERVER SYSTEMS

i). Explain the core design methodology of a three-tier architecture (3 Marks)

ii). Consider a hypothetical car hire company and sketch out a three-tier solution to the provision of their underlying distributed car hire service. (As a team you should address a different scenario). Use this to illustrate the benefits and drawbacks of a three-tier solution considering issues such as performance, scalability, dealing with failure, and maintaining the software over time (7 Marks)