

Q2

b

The processing stage is where the computer is carrying out the calculation the information inputted in the pre-processing stage. The processing stage is where the computer takes all the boundary conditions, material data & geometries and uses matrix algebra to solve the equations, ~~and identify~~

Q2

c)

Post processing stage is interpreting the results. In this stage it is important to identify any issues such as excessive stresses, incorrect sizes, this stage is where you carry out your updates, before going round the loop again. (simple) ~~it is~~ ~~input~~ FEA calculations are based on assumptions, so the evaluation should consider where assumptions could be causing issues. ~~I and tighten the~~ occasionally you may realise you need to add additional data, such as displacement at selected points.