

Question 3

a) ~~continued~~ - Drop forging is used for a variety of applications. It can be used for a production of steel aluminium or copper parts. Steel drop forging has a high level of production efficiency, policy and cost are efficient which makes it a good choice for creating identical parts in large quantities. ~~The~~ The parts can be used within the engines where strength and stability is required.

Ans =

b) Here are The 3 stage of FMEA:

- first stage of FMEA: Analyse functional requirements of the car. This can be broken down so each ~~area~~ ^{area} of a car can be analysed. This is done to identify the effects of failure. This can include: over heating, noisiness and user injury.
- second stage of FMEA: To determine severity. This is graded from lower severity to highest.
- Third Stage of FMEA: The likelihood of a fault occurring. They are graded from low to very high.

After the ~~stages~~ Stages, the RPN is calculated by multiplying the severity grade by the likelihood of a ~~failure~~ occurrence with the failure detection. Once corrected measures are implemented the RPN is ~~recalculated~~ Recalculated.