

Assignment : Discuss on the following questions

1. Identifying and analyze Root Causes of Damage of milling Machine Parts through Pareto chart.
2. The maintenance department uses the following items as spare part for its activity, the table below shows their annual usage of each items and their respective unit price, but the department wants to classify them using A, B and C analysis. Using the necessary steps classify the items as A, B and C categories and draw recommendation with justification.

Item no.	Annual volume/ unit usage	Unit cost (Birr)
1	500	64
2	500	160
3	1100	14.55
4	1000	48
5	800	500
6	800	5
7	1200	6.67
8	1500	26.67
9	700	228.57
10	1900	6.37

3. How Enhancing OEE through Total productive maintenance any manufacturing industry
4. Discuss on Reliability, Maintainability and Availability analysis of production machineries.(you can select one machine)
5. Briefly explain and discuss on the life cycle of machineries using bathtub curve periods.

