GARVIT SHAM PAGE NO. F-24 DATE: \ \ Assignent for CY104SI 1- A mechanic was working on a machine that had an exposed copper plate that required tightening with a bot. He was the choice of using a copper or still balt which of the following III I believe that mechanic should use the copper bolt for tightering the copper plate because if he uses that steel bolt then it Will form galvanic cell with copper plate.

Thus it will experience galvanic corrosion

because of this it is not advisable to use steel both for copper both plate. 2. Ship design & maintenance are critical +0 preventing corrosion. We can use protective coating, cathodic protection, anodic protection and design & selection of suitable materials for protecting / preventing ship from corrosion In this protective coating we use some particular metal either cathodic or anodic, so we can prevent metal / ship from corrosion. If ship metal is less cathodic anodic than metal then we can use Al, Cd, In etc metals, for this kind of protection. In cathodic & anodic protection we use sacrificial anode method In this method the metallic structure to be protected is connected by a wire to a more arodic, so that all the corrosion is concentrated at more active metal. In this

method more active sacrifices that then it is called as 'socrificial anothe', I believe that the sacrificial anode method is one of the best method for preventing ship from coversion because this method is leasy to install & minimum maintenance is required hence it is commercially cheaper than other method.

3. To make our clothes vibrant, we use a variety of dyes. However, textile dying is one of the most damaging components of global fashion business, having a devastating impact on the environment and harming human health. It contaminates our water with toxic dye. We can use natural dueing process intead of chemical process. Berause' natural due # contains only p natural agent as it has very less pollution in nature & also some of dyes can be premoved or reused. Natural dye is not harmful for human cither for environment also so I this believe we must encourage people for using natural dye so we can reduce the harmful ellecte of above and dye

reduce the harriful effects of chemical dye