

(Ans (5/1))

* Grit Removal \Rightarrow • Grit Removal Basins are the Sedimentation Basins placed in front of the fine screen to remove the inorganic particles having specific gravity of 2.65

• Such as sand gravel, grits, egg, shells, glass pieces metal fragments etc and others non particular material that may log channels or damages pumps due to abrasion and to pressure their accumulation in sludge digester

• Grit chamber is the second unit operation used in primary treatment of wastewater and is intended to remove suspended inorganic particles such as sandy and gritty matter from the wastewater

• It is provided to protect mechanical equipment from abrasion and normal wear avoid deposition in pipeline, channel and conduits and to reduce frequency of digester cleaning