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ST. LAWRENCE HIGH SCHOOL
A Christian Jesuit minority Institution
Subject: Mathematics
Class: X
Date:18.04.2020
Worksheet-11
Chapter- Sphere
Topic - Whole surface area and volume of a sphere

n) A cupper sphere with 14 cm diameter is melted and a number of new spheres with 3.5 cm are formed. The number of new spheres are i) 64 ii) 46 iii) 32 iv ) none of these
o)A sphere with 8 cm radius is melted and a number of new spheres with 1 cm radius are formed. Number of new spheres that can be formed is i) 514 ii) 512 iii) 215 iv ) none of these

