

SECTION-C (40 Marks)

Q 9	<p>Explain assay in context of mining operation. Deduce the formula of assay for vein type of deposit with suitable reason for the same. With the given set of information, find out the assay value for a Lead vein. The vein outcrops on the surface over a width of 50 mtrs and corresponding assay is 15. For the other end, width is 60 mtrs and assay value is 6. Unit for assay is not given but answer should be with proper unit only.</p>	20	CO4
Q 10	<p>What do you mean by gravity correction? List down the methods for the same.</p> <p style="text-align: center;">OR</p> <p>What are the controlling factors for resistivity measured in the ground? Based upon resistivity, classify the rock.</p>	20	CO1