Paper Code: PS04EMTH21	Total Credit: 4
Title Of Paper: Mathematics Educations - II	

Unit	Description in detail	Weighting (%)
I	Logarithms, geometry-algebra to coordinate geometry, main features and contributions, applications in science and technology, problems.	25%
II	Calculus - the idea of infinite: from Archemedes to Newton - Liebnitz, basic concepts, applications to science, engineering, management etc., problems.	25%
III	Logic and Set Theory, development, (Zeno, Russel, Bolzano, Euler etc.) paradoxes, understanding of real numbers, main contributors, problems.	25%
IV	Development of modern Mathematics, Riemann's hypothesis, Bieberbach's conjecture, Prime Number Theorem, four color problem, Konigsberg seven bridges problem(leading to new branch of Mathematics).	25%