

**MHT CET 12<sup>th</sup> October Shift 1 Questions (Memory-Based) and Topic Wise Weightage (Mathematics)**

|  |  |
|--|--|
| -a (a property and function was given) - exact question not available        | A question from Trigonometry - Question on General Solution $\sin x = 1/2$ |
| The Angle at Origin (question from Pair of Straight Line)                    | A question from Continuity   |
| A curve is given and the candidates will have to figure out Tangent Equation | From Matrix, there was a question on Inverse                               |

**Topics with High Weightage in Mathematics**

| Name of the Topic       | Topic No. of Questions |
|-------------------------|------------------------|
| Integration             | 8-10                   |
| Vector 3D               | 8-9                    |
| Circle                  | 2                      |
| Conics                  | 3                      |
| Pair of Straight Line   | 2-3                    |
| Sequence & Series       | 2                      |
| Mathematical Logic      | 2                      |
| Matrices                | 2-3                    |
| LPP                     | 2                      |
| Application of Derivate | 3                      |
| Differential Calculus   | 5-6                    |
| Trigonometry            | 2-3                    |

