

MHT CET 14<sup>th</sup> October 2020 Shift 1 Memory-Based Questions (Maths)



$x/1+\cos^2x$ - This is a question based on Odd Property	$X^{2+1}/X^4+X^2+1$ - Find dx
The angle at Origin question from Pair of Straight Line	A question on General Solution from Trigonometry
$f(x) = x^2-3x+4$ , $g(x) = 2x+1$ , $f(x) = f(g(x))$ - Find the Value of x	$i+2j+xk$ & $yi+6j+4k$ - Find the Value of X & Y
$x dy + 2y dx = 0$ . Solve D.E	$\log x/x$ ...find Max
Equation of Line through (2, 4, 6) & parallel to $(X+4 = 4Y - 4Z)$	$A = \{x: X \text{ Prime}, 0 < x < 9\}$ - No. of Elements in Power Set of A
INTEGRATION OF $(1+\log x)/(\cos^2(x \cdot \log x))$	

## MHT CET 14<sup>th</sup> October 2020 Shift 1 Exam Analysis

The detailed exam analysis of 14th October 2020 Shift 1 of MHT CET 2020 has been updated here. Candidates who have appeared for the exam in this shift can share your feedback and questions to the e-mail ID [sakunth.kumar@collegedekho.com](mailto:sakunth.kumar@collegedekho.com)

<b>Overview of MHT CET 14<sup>th</sup> Oct 2020 Difficulty Level &amp; Question Paper</b>	The exam was moderately difficult with almost 7-13 questions from previous years' question papers. There were less lengthy questions and the question paper was not time-consuming.
<b>Overall Difficulty Level</b>	Moderate
<b>Difficulty Level of Physics</b>	Moderate
<b>Difficulty Level of Mathematics</b>	Easy
<b>Difficulty Level of Chemistry</b>	Moderate
<b>Topics with High Weightage in Physics</b>	<ul style="list-style-type: none"> <li>• Semiconductors</li> <li>• Rotational Motion</li> <li>• Circular Motion</li> <li>• Electrostatics</li> <li>• Kinetic Theory</li> </ul>
<b>Topics with High Weightage in Chemistry</b>	<ul style="list-style-type: none"> <li>• Polymers</li> <li>• Chemical Kinetics</li> </ul>
<b>Topics with High Weightage in Mathematics</b>	<ul style="list-style-type: none"> <li>• Vector</li> <li>• Integration</li> </ul>

	<ul style="list-style-type: none"><li>• Matrices</li><li>• Probability</li></ul>
<b>Good Score</b>	165+