

Exam Papers by Topic:

<p><b>Vectors</b></p> <ul style="list-style-type: none"> <li>SEC OL Sample Q1(a)</li> <li>2023 SEC HL Q8(iii)(iv)(v)</li> </ul>	<p><b>Uniform Acceleration</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q2(a), Q4(b)</li> <li>S.P. 2 Q6(b), Q7(b)</li> <li>S.P. 3 Q1(b), Q4(b), Q8(b)</li> <li>S.P. 4 Q3(b), Q7(a)</li> <li>S.P. 5 Q2(a)</li> <li>S.P. 6 Q5(a), Q6(b), Q8(a)</li> <li>SEC HL Sample Q3(b)</li> <li>SEC OL Sample Q8</li> <li>2023 SEC HL Q5(b)</li> <li>2023 Def SEC HL Q5(i), Q6(a)</li> </ul>	<p><b>Projectiles</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q4(a)</li> <li>S.P. 2 Q4(a)</li> <li>S.P. 3 Q4(a), Q7(a)</li> <li>S.P. 4 Q8(a)</li> <li>S.P. 5 Q5(a)</li> <li>S.P. 6 Q1(a), Q4(b)</li> <li>SEC HL Sample Q4(a)</li> <li>SEC OL Sample Q4</li> <li>2023 SEC HL Q8(i)(ii)</li> </ul>
<p><b>Calculus</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q3(b), Q8(b)</li> <li>S.P. 2 Q6(a)</li> <li>S.P. 3 Q2(a), Q5(a)</li> <li>S.P. 4 Q1(b)</li> <li>S.P. 5 Q5(b), Q8(a)</li> <li>S.P. 6 Q2(b)</li> <li>SEC HL Sample Q3(a), Q7(a)(i)</li> <li>2023 SEC HL Q1(b)</li> </ul>	<p><b>Impacts &amp; Collisions</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q1(b), Q6(a), Q8(a)</li> <li>S.P. 2 Q2(b), Q5(a)</li> <li>S.P. 3 Q6(a)(b), Q8(a)</li> <li>S.P. 4 Q1(a), Q6(a), Q8(b)</li> <li>S.P. 5 Q4(b), Q6(a)</li> <li>S.P. 6 Q3(a), Q7(b)</li> <li>SEC HL Sample Q4(b)</li> <li>SEC OL Sample Q5(a)</li> <li>2023 SEC HL Q2(b)</li> <li>2023 Def SEC HL Q7</li> </ul>	<p><b>Circular Motion</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q5(b)</li> <li>S.P. 2 Q7(a), Q8(b)</li> <li>S.P. 3 Q3(b)</li> <li>S.P. 4 Q5(b)</li> <li>S.P. 5 Q1(b), Q7(b)</li> <li>S.P. 6 Q8(b)</li> <li>SEC HL Sample Q6, Q7(a)(ii)</li> <li>SEC OL Sample Q1(b)</li> <li>2023 SEC HL Q3, Q10(b)</li> <li>2023 Def SEC HL Q1(b)</li> <li>2023 Def SEC HL Q10</li> </ul>
<p><b>Newton's Laws</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q3(a), Q7(a)</li> <li>S.P. 2 Q1(a), Q3(b)</li> <li>S.P. 3 Q3(a)</li> <li>S.P. 4 Q4(b), Q7(b)</li> <li>S.P. 5 Q1(a), Q3(a), Q7(a)</li> <li>S.P. 6 Q2(a), Q6(a)</li> <li>SEC HL Sample Q7(b)</li> <li>SEC OL Sample Q6</li> <li>2023 SEC HL Q5(a)</li> <li>2023 Def SEC HL Q8</li> </ul>	<p><b>Networks/Graphs/Optimal Paths</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q5(a)</li> <li>S.P. 2 Q2(a)</li> <li>S.P. 3 Q2(b)</li> <li>S.P. 4 Q3(a), Q5(a)</li> <li>S.P. 5 Q6(b), Q8(b)</li> <li>S.P. 6 Q3(b), Q4(a)</li> <li>SEC HL Sample Q1(a), Q2, Q5(a)</li> <li>SEC OL Sample Q2, Q7</li> <li>2023 SEC HL Q1(a), Q2(a), Q7(a), Q9</li> <li>2023 Def SEC HL Q1(a), Q2(a), Q6(b), Q9</li> </ul>	<p><b>Differential Equations</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q1(a), Q6(b), Q7(b)</li> <li>S.P. 2 Q1(b), Q3(a), Q4(b), Q8(a)</li> <li>S.P. 3 Q7(b)</li> <li>S.P. 4 Q2(a), Q4(a)</li> <li>S.P. 5 Q2(b), Q4(a)</li> <li>S.P. 6 Q1(b), Q7(a)</li> <li>SEC HL Sample Q5(b)</li> <li>2023 SEC HL Q4, Q7(b)</li> <li>2023 Def SEC HL Q4, Q5(ii)(iii)(iv)</li> </ul>
<p><b>Difference Equations</b></p> <ul style="list-style-type: none"> <li>S.P. 1 Q2(b)</li> <li>S.P. 2 Q5(b)</li> <li>S.P. 3 Q1(a), Q5(b)</li> <li>S.P. 4 Q2(b), Q6(b)</li> <li>S.P. 5 Q3(b)</li> <li>S.P. 6 Q5(b)</li> <li>SEC HL Sample Q1(b), Q8</li> <li>SEC OL Sample Q3, Q5(b)</li> <li>2023 SEC HL Q6, Q10(a)</li> <li>2023 Def SEC HL Q2(b), Q3</li> </ul>		