

Exam Papers by Topic:

<p>Vectors</p> <ul style="list-style-type: none"> • 2023 SEC HL Q8(iii)(iv)(v) • 2024 SEC HL Q8(b) 	<p>Uniform Acceleration</p> <ul style="list-style-type: none"> • S.P. 1 Q2(a), Q4(b) • S.P. 2 Q6(b), Q7(b) • S.P. 3 Q1(b), Q4(b), Q8(b) • S.P. 4 Q3(b), Q7(a) • S.P. 5 Q2(a) • SEC HL Sample Q3(b) • 2023 SEC HL Q5(b) • 2023 Def SEC HL Q5(i), Q6(a) • 2024 SEC HL Q1(c), Q5(b) 	<p>Projectiles</p> <ul style="list-style-type: none"> • S.P. 1 Q4(a) • S.P. 2 Q4(a) • S.P. 3 Q4(a), Q7(a) • S.P. 4 Q8(a) • S.P. 5 Q5(a) • SEC HL Sample Q4(a) • 2023 SEC HL Q8(i)(ii) • 2024 SEC HL Q7(a)
<p>Calculus</p> <ul style="list-style-type: none"> • S.P. 1 Q3(b), Q8(b) • S.P. 2 Q6(a) • S.P. 3 Q2(a), Q5(a) • S.P. 4 Q1(b) • S.P. 5 Q5(b), Q8(a) • SEC HL Sample Q3(a), Q7(a)(i) • 2023 SEC HL Q1(b) • 2024 SEC HL Q3(a) 	<p>Impacts & Collisions</p> <ul style="list-style-type: none"> • S.P. 1 Q1(b), Q6(a), Q8(a) • S.P. 2 Q2(b), Q5(a) • S.P. 3 Q6(a)(b), Q8(a) • S.P. 4 Q1(a), Q6(a), Q8(b) • S.P. 5 Q4(b), Q6(a) • SEC HL Sample Q4(b) • 2023 SEC HL Q2(b) • 2023 Def SEC HL Q7 • 2024 SEC HL Q3(b), Q5(a) 	<p>Circular Motion</p> <ul style="list-style-type: none"> • S.P. 1 Q5(b) • S.P. 2 Q7(a), Q8(b) • S.P. 3 Q3(b) • S.P. 4 Q5(b) • S.P. 5 Q1(b), Q7(b) • SEC HL Sample Q6, Q7(a)(ii) • 2023 SEC HL Q3, Q10(b) • 2023 Def SEC HL Q1(b) • 2023 Def SEC HL Q10 • 2024 SEC HL Q4(i) - (iii), Q7(b)
<p>Newton's Laws</p> <ul style="list-style-type: none"> • S.P. 1 Q3(a), Q7(a) • S.P. 2 Q1(a), Q3(b) • S.P. 3 Q3(a) • S.P. 4 Q4(b), Q7(b) • S.P. 5 Q1(a), Q3(a), Q7(a) • SEC HL Sample Q7(b) • 2023 SEC HL Q5(a) • 2023 Def SEC HL Q8 • 2024 SEC HL Q2 	<p>Networks/Graphs/Optimal Paths</p> <ul style="list-style-type: none"> • S.P. 1 Q5(a) • S.P. 2 Q2(a) • S.P. 3 Q2(b) • S.P. 4 Q3(a), Q5(a) • S.P. 5 Q6(b), Q8(b) • SEC HL Sample Q1(a), Q2, Q5(a) • 2023 SEC HL Q1(a), Q2(a), Q7(a), Q9 • 2023 Def SEC HL Q1(a), Q2(a), Q6(b), Q9 • 2024 SEC HL Q1(a)(b), Q8(a), Q10(a) 	<p>Differential Equations</p> <ul style="list-style-type: none"> • S.P. 1 Q1(a), Q6(b), Q7(b) • S.P. 2 Q1(b), Q3(a), Q4(b), Q8(a) • S.P. 3 Q7(b) • S.P. 4 Q2(a), Q4(a) • S.P. 5 Q2(b), Q4(a) • SEC HL Sample Q5(b) • 2023 SEC HL Q4, Q7(b) • 2023 Def SEC HL Q4, Q5(ii)(iii)(iv) • 2024 SEC HL Q4(iv) - (vi), Q6(b), Q10(b)
<p>Difference Equations</p> <ul style="list-style-type: none"> • S.P. 1 Q2(b) • S.P. 2 Q5(b) • S.P. 3 Q1(a), Q5(b) • S.P. 4 Q2(b), Q6(b) • S.P. 5 Q3(b) • SEC HL Sample Q1(b), Q8 • 2023 SEC HL Q6, Q10(a) • 2023 Def SEC HL Q2(b), Q3 • 2024 SEC HL Q6(a), Q9 		