

Eton Education Centre
2009 JC 2 H2 Maths Prelim Exam Preparation Series By Wee WS
Analysis of Questions in Set 1 Papers

Pure Maths Topics	Marks	Statistics Topics	Marks
System of linear equations (1 qn) ❶	5	Permutations and combinations (1 qn) ❶	5
Inequalities (1 qn) ❶	4	Probability (1 qn) ❶	6
Vectors (2 qns) ❷	15	Sampling and hypothesis testing (1 qn) ❺	8
Maclaurin's expansion (2 qns) ❷	12	Binomial distribution (1 qn) ❸	8
Graphing techniques (2 qns) ❶	14	Regression and correlation (1 qn) ❻	9
Functions (1 qn) ❷	10	Poisson distribution (1 qn) ❸	11
Differentiation and its applications (2 qns) ❸	14	Normal distribution (1 qn) ❺	13
Sequences and series (2 qns) ❻	23		
Complex numbers (2 qns) ❷	18		
Integration and its applications (1 qn) ❷	12		
Differential equations (1 qn) ❺	13		

Points to ponder about:

- Can you identify the questions that correspond to various topics?
- Can you identify the concepts and skills that are being assessed for each question?
- Can you identify the strengths and weaknesses of your understanding and problem-solving ability as you attempt the questions?