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| **Curriculum Requirements** | **Even Test Paper** | **Odd Test Paper** |
| year 10 mathematical skills (prior knowledge) |  |  |
| * distinguish between vector and scalar quantities, and add and subtract vectors in two dimensions |  | Q3(4) |
| * uniformly accelerated motion is described in terms of relationships between measurable scalar and vector quantities, including displacement, speed, velocity and acceleration   *This includes applying the relationships* |  | Q1 (4)  Q2 (2)  Q6 (2) |
| * uniformly accelerated motion is described in terms of relationships between measurable scalar and vector quantities, including displacement, speed, velocity and acceleration   *This includes applying the relationships* |  | Q5 (6)  Q6 (15)  Q8 (4)  Q9 (7) |
| * representations, including graphs, vectors, and equations of motion, can be used qualitatively and quantitatively to describe and predict linear motion |  | Q4 (9) |
| * vertical motion is analysed by assuming the acceleration due to gravity is constant near Earth’s surface |  | Q7 (10) |
|  |  | 9 questions  56 marks |