## Construction

## Mark Scheme

| Level | IGCSE |
| :--- | :--- |
| Subject | Maths |
| Exam Board | Edexcel |
| Topic | Shape, Space and Measures |
| Sub Topic | Construction |
| Booklet | Mark Scheme |


| Time Allowed: | 19 minutes |
| :--- | :--- |
| Score: | $/ 16$ |
| Percentage: | $/ 100$ |

Grade Boundaries:

| A* | A | B | C | D | E | U |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $>85 \%$ | $75 \%$ | $70 \%$ | $60 \%$ | $55 \%$ | $50 \%$ | $<50 \%$ |



| Question | Working | Mark |  |  |
| :--- | :---: | :---: | :---: | :--- |
| 6. | Arc centre $B$ cutting $B A$ and $B C$ at $P$ and $Q$ where <br> $B P=B Q$ and arcs drawn from $P$ and $Q$ |  | M1for all relevant arcs (those drawn from $P$ and $Q$ may <br> fall outside guidelines) |  |
|  |  | correct bisector | 2 | A1for angle bisector in guidelines with all necessary <br> arcs |
|  |  |  |  | Total 2 marks |


| 7. |  | bisector with <br> construction arcs | 2 | B2for bisector within guidelines with two pairs of relevant <br> construction arcs seen |
| :--- | :--- | :--- | :--- | :--- |
|  |  | If not B2 then B1 for a bisector within guidelines with no arcs <br> present or relevant arcs present with no bisector |  |  |
|  |  |  | Total 2 marks |  |

