## Superconductivity Essay Mark Scheme

| MARK | Allocated  | Guidance   |  |
|------|--|--|--|
|      | Marks  |  |  |
|      | 0-2  | References –   |  |
|      |  | 0 = no references  |  |
|      |  | 1 = at least one reference   |  |
|      |  | 2 = at least three references cross referencing in body of text      |  |
|      | 0-2  | Images and Graphs -  |  |
|      |  | 0 = no images/graphs   |  |
|      |  | 1 = images but with no relevance or not referred to in the text      |  |
|      |  | 2 = image/graphs referred to in the text                             |  |
|      | 0-2  | Grammar, Punctuation and Spelling –                                  |  |
|      |  | 0 = poor with major errors   |  |
|      |  | 1 = satisfactory, minor errors                                       |  |
|      |  | 2 = good with no errors  |  |
|      | 0-4  | Content - 0 = no relevant content                                    |  |
|      |  | 1 = minor relevant content   |  |
|      |  | 2 = Satisfactory content   |  |
|      |  | 3 = Good content   |  |
|      |  | 4 = Excellent content  |  |
|      |  | Content refers to:   |  |
|      |  | Critical temperature, types/examples/comparisons of superconducting  |  |
|      |  | materials, how they're processed, uses of superconductors, problems, |  |
|      |  | Meissner effect, history, definitions, diamagnetism.                 |  |
|      | Maximum score = 10. Deduct marks for essay being too long (ie over 1500 word |  |  |

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