

2019 Summer Highlights



Things that went well

Candidates showed much better use of correct engineering language and terminology – with better candidates showing all stages of working in calculations.

Best results were achieved by candidates who had a sound grounding in the engineering and scientific principles required and who performed careful calculations.



Exam Tips

- Make sure that you have covered and revised all the topics in the specification to be well prepared to answer the exam questions. The weightings give an idea of how many exam questions there will be on each topic.
- Remember to show all stages of working in calculations and to practice using your calculator correctly.
- Some questions require the correct use of units – so practice this!
- Uses of unit prefixes – such as milli, kilo, micro, Mega still provide some challenge, so make sure you are familiar with these.
- Remember to check calculations carefully, it's easy to make mistakes.



Areas for improvement

- More revision is required for questions involving exponentials, logarithms and calculus.
- More practice is required on how to re-arrange formula correctly, and in the recall of standard formula definitions (including using the formula booklet supplied).
- Remember to convert units to correct form before carrying out any calculations.
- Attempt all questions on the exam paper if you can – you might be able to secure a few extra marks even if you're struggling with a complete answer.

