National security and cyber threats and challenges need innovative solutions

Questions

Question 1:
Online mediums have enabled terrorist organisations to reshape recruitment and propaganda strategies. Critically describe the evolution of these strategies, reasons for their appeal, and how governments can best respond to best address this phenomenon. [Students should draw on domestic and international examples, as well as case studies detailing effective approaches where possible.]

Question 2:
Business, government and consumers have recognised the potential advantages that the Internet of things (IoT) can offer - smart cities, smart hospitals, IoT enabled supply chain, smart appliances, instant payments, automated vehicles, and wearable devices. But success in the IoT space will take more than slick applications, connected devices, hyper connected networks, and advanced analytics, it will also require a robust approach to security, privacy and trust.

What are the key threats, risks and challenges facing businesses operating in an IoT ecosystem, and what activities should technology companies, manufacturers and government take to address the security and privacy concerns and enable business and consumers to have the confidence, trust and assurance to embrace the IoT ecosystem.
Award guidelines

1. Eligibility criteria
   1.1. You must be a current postgraduate student enrolled in Macquarie University’s Department of Security Studies and Criminology.

2. Contest guidelines
   2.1. Each student submits one essay of between 3000-3500 words, excluding Oxford-style footnotes and the bibliography. Submissions shorter than 3000 words or longer than 3500 words will be automatically disqualified.
   2.2. Students can submit one essay for each of the two questions.
   2.3. Each submission is required to have a one-page executive summary.
   2.4. The essay is required to be submitted in Microsoft Word format attached to an email to AU-FMEssayAward@kpmg.com.au. Hardcopy submissions will not be accepted under any condition.
   2.5. The essay is required to be double spaced with all the pages numbered in sequence.
   2.6. The essay is required to use Oxford-style footnotes only. All quotations are required to be appropriately cited.
   2.7. A completed KPMG Essay Award Entry Form is the Cover Page for submitting your essay. No name or other identifying reference should appear anywhere in the essay.
   2.8. Essays must be the original, unpublished work of the student. All submissions will be checked using plagiarism software.
   2.9. Plagiarism is defined as using the work or ideas of another person without clear acknowledgement of the source of the work or ideas. This includes, but is not limited to, any of the following acts: a) copying out part(s) of any document or audio-visual material or computer code or website content without indicating their origins b) using or extracting another person’s concepts, experimental results, or conclusions c) summarising another person’s work d) submitting substantially the same final version of any material as another student in an assignment where there was collaborative preparatory work e) use of others (paid or otherwise) to conceive, research or write material submitted for assessment f) submitting the same or substantially the same piece of work for two different tasks (self-plagiarism).
   2.10. Any essay submission that KPMG identifies as being plagiarised will be excluded from the Award and the student notified in confidence by email. There is no appeal.
   2.11. Entries must be submitted by 3pm on Friday 24 June 2016. No late entries will be accepted.
   2.12. All entries must be submitted via email to AU-FMEssayAward@kpmg.com.au.

3. Selection of Award
   3.1. All entries will be shortlisted by KPMG Australia using similar evaluation methods and quality control standards required of academic student essays.
   3.2. Shortlisted essays will be evaluated by a blind independent judging panel comprising KPMG senior personnel, Macquarie University Department/Faculty staff, and Australian Government and industry representatives.
   3.3. There will be three winning essays (first, second, third) selected from each of the two questions.
   3.4. Decisions of the judging panel are final with no rights of appeal.

4. Notification of Award
   4.1. The prize winners for each question will be notified by phone and/or email by August 2016.
   4.2. The prize is to the value of $1000 for first prize, $500 for second prize and $300 for third prize.
   4.3. The prize money will be presented as a bank cheque to the winners. There are no cash prizes.
   4.4. If it is found that the winners have failed to comply with the official rules, those individuals’ prizes will be forfeited.
   4.5. If the judges deem it appropriate, the prize(s) will be given to the individual(s) holding the next prize (i.e. if the first prize winner is disqualified, the second prize winner will win first prize, and so on).
   4.6. The prizes will be presented to the winners at an event to be hosted by KPMG in September 2016.

5. Copyright Information
   5.1. All entries will remain the Intellectual Property of the student who authored and submitted the essay.
   5.2. In the event that KPMG seeks to obtain such rights negotiations will be conducted directly with the student and on a case-by-case basis.

6. Additional Terms And Conditions
   6.1. By submitting their essay the contestant fully and unconditionally agrees to and accepts these rules.