



ONLINE LIBRARY
(www.onekhmer.org/onlinelibrary)

Title: Critical Thinking Task Question

Name of Author

Name of University Deakin

Country of Study Australia

Major Business

Degree Bachelor

Course Title

Type of Document Assignment

Year 2018

Deakin University

Assignment 1

Critical Thinking Task Questions!

1. Five features of robot

- Voice recording or video recording, they are helpful for recording what has happen.
- Water resistance, it prevents from all any electronic errors.
- Storage, it provides more spaces for keeping any items in the robot.
- Alarm, it alerts to all robots to be well prepared.
- GPS, to trace all robots where they are.

2. 10 claims are

- The Royal Australian Navy is the largest branch of the Australian Armed Forces.
- We are a powerful military organization.
- We are wasting human resources.
- Armed Forces are turning to technology.
- We are wishing to develop a new fully automated sea fearing robot.
- It should have a diverse blend of defensive and offensive skills.
- It should guard our coast line all day or all night.
- We also wish it to be able to swim very fast.
- Fish form or reptile form will be best for our purpose.
- Utilizing techniques.

3. Issues for all the claims are

- Is the Royal Australian Navy the largest branch of the Australian Armed Forces?
- Are we a powerful military organization?
- Are we wasting human resources?
- Are Armed Forces turning to technology?
- Are we wishing to develop a new fully automated sea fearing robot?
- Should it have a diverse blend of defensive and offensive skills?
- Should it guard our coast line all day or all night?
- Do we wish it to be able to swim very fast?
- Will fish form or reptile be best for our purpose?
- Utilizing techniques.

4. A general statement is

- The Royal Australian Navy is the largest branch of the Australian Armed Forces.

A vague statement is

- We are a powerful military organization.

A ambiguous statement is

- It should have a diverse blend of defensive and offensive skills.

5. As a role as the software developer I would like to ask a question that is

- Do you have any plans or ideas to prevent all hackers to hack the robot system?

As we know there are many hackers who good at hacking the robot system. If the robot system had been hacked, they would fully control all of the robots.

6. Robots replace human militaries. This is a technology problem solving which the Royal Australian Navy proposed. There are advantages and disadvantages of the robot replacement. Firstly, robot could be guarded coastline all day and night without reducing energy like people do. Secondly, all human militaries lives are prevented from natural disasters or being killed or injured. On the other hand, the invention of robot is highly cost and some robots cannot adapt with water at all. Secondly, navy militaries will be deducted by robots. Lastly, Robots need human resources to control and maintain it.

7. A claim statement from the Boston Dynamic website on LS3 page. http://bostondynamics.com/robot_ls3.html.

- Legged Squad Support Systems (LS3) robot does not need a dedicated driver.

A vague statement from the Boston Dynamic website on BigDog page.

http://bostondynamics.com/robot_bigdog.html.

- BigDog carries heavy loads.