# With respect to Ross Anderson's definitions. Define the terms: subject, principal and identity. ▼ 3 (12pt) ▼ T ▼ 등 ▼ 5 ▼ 85 ▼ 8 5 T T T Arial Path: p Words:0 **QUESTION 2**

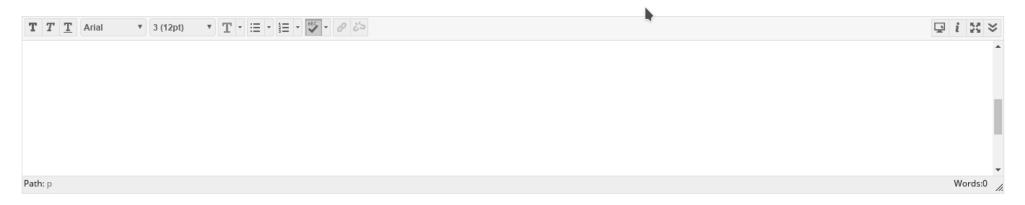


**QUESTION 1** 



#### QUESTION 3

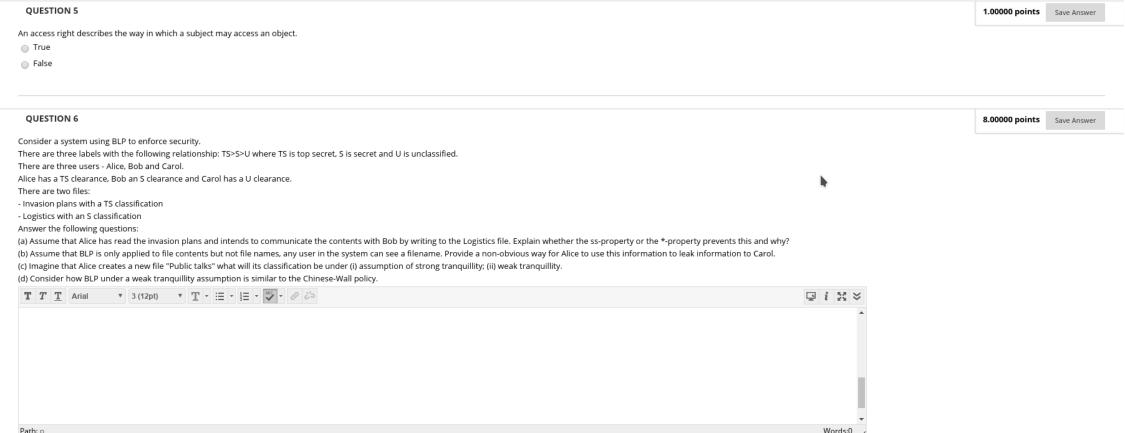
Describe a simple scenario to explain the difference between trustworthy and trusted.



#### **QUESTION 4**

A concept that evolved out of requirements for military information security is \_\_\_\_\_.

- reliable input
- mandatory access control
- open and closed policies
- discretionary access control



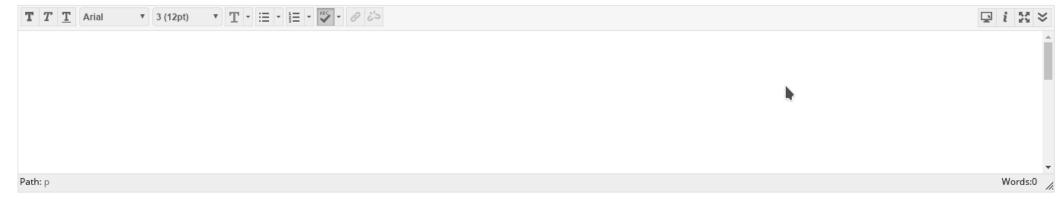
### **QUESTION 7**

Consider the LBAC example shown on slide 7 of the lecture on multilateral security policies.

With reference to the diagram, imagine that there is a file with each combination of classification & codeword. For example, E has the combination (SECRET, {CRYPTO}).

Assume Carol has "TOP SECRET" and {FOREIGN} clearance.

What files can she read?

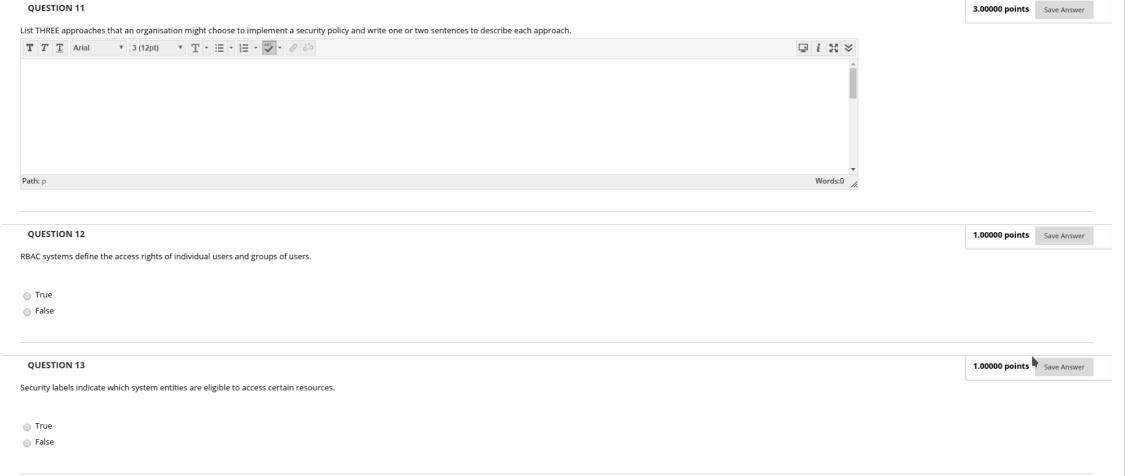


## QUESTION 8

Describe THREE problems from which classical multilevel-secure systems suffer. Write several sentences to illustrate each problem. Support your discussion with at least one example of why it is a problem.

# QUESTION 9 Describe at least THREE reasons that led to the BMA policy model being proposed for the United Kingdom's National Health Service instead of a multilevel security policy. T T T Arial ▼ 3 (12pt) ▼ T - != - 1 Path: p Words:0 **QUESTION 10** Explain the concept of a Trusted Computing Base. T T T Arial

Path: p



QUESTION 14	1.00000 points	Save Answer
The default set of rights should always follow the rule of least privilege or read-only access		
○ True		
○ False		
QUESTION 15	1.00000 points	Save Answer
Which model allows the user to specify which entity has access to which resource?		
○ MAC		
Chinese wall		
○ BMA		
O DAC		
QUESTION 16	1.00000 points	Save Answer
is based on the roles the users assume in a system rather than the user's identity.		
O DAC		
○ RBAC		
○ MAC		
O ABAC		
QUESTION 17	1.00000 points	Save Answer
is where the system makes the access control decision.		
© MAC		
○ RBAC		
O DAC		